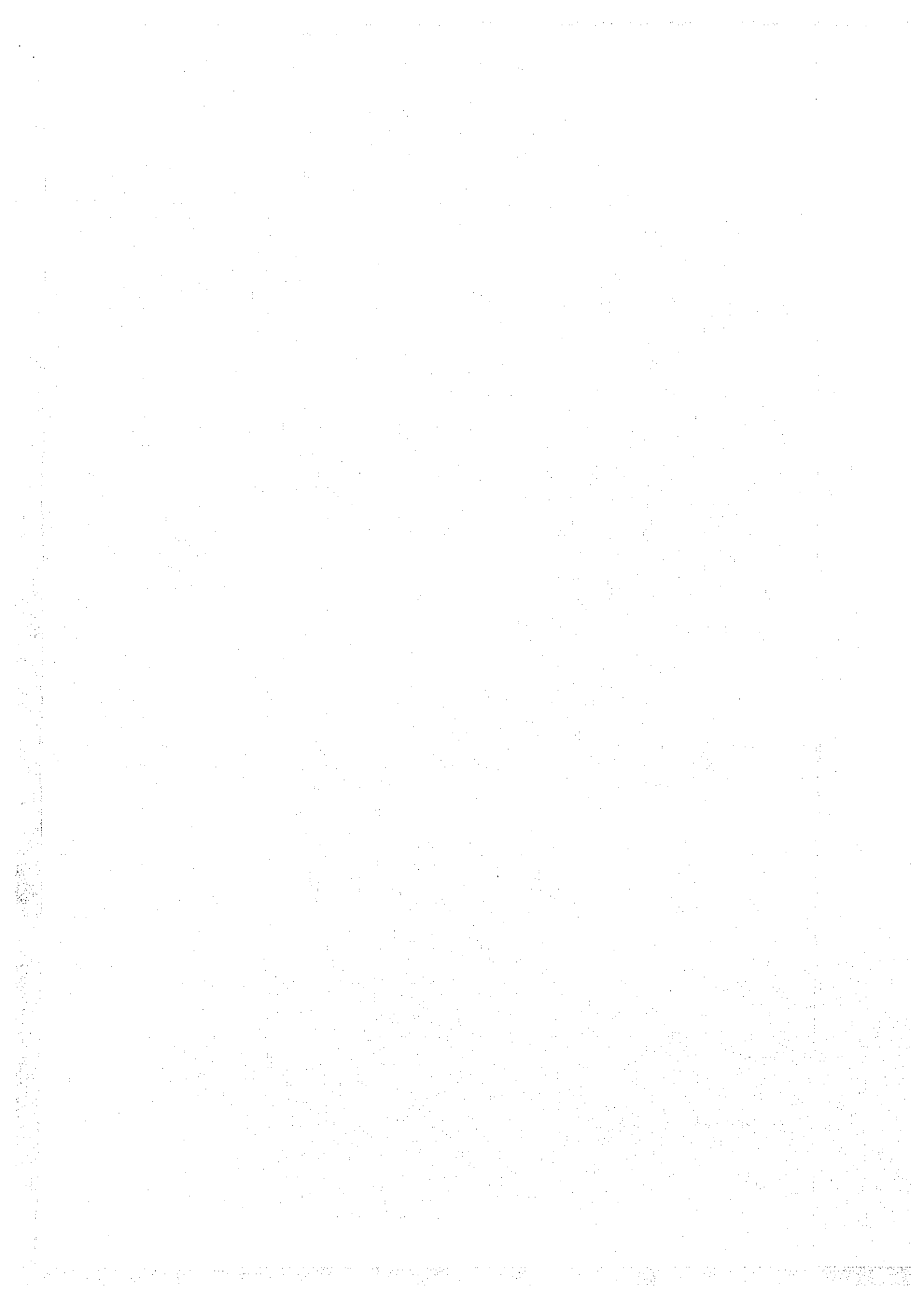
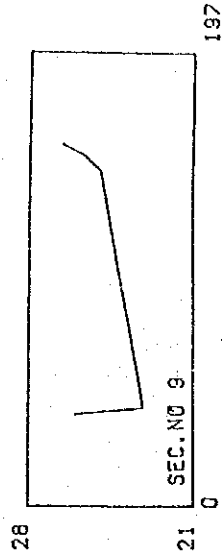
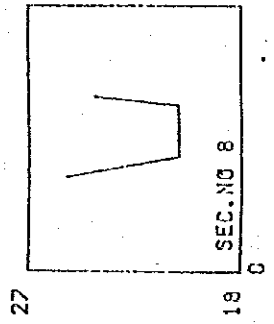
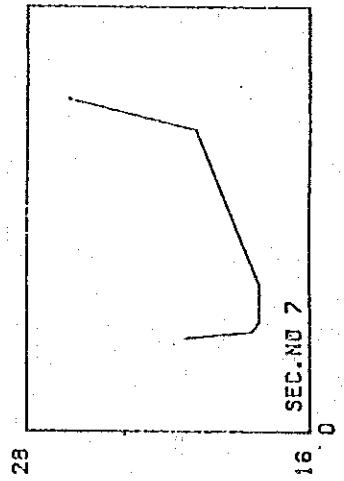
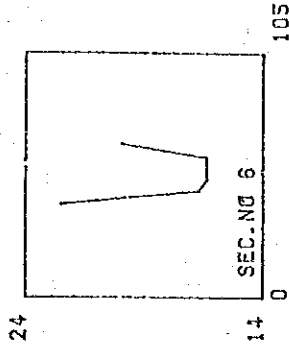
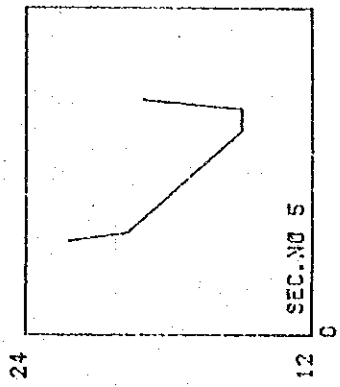
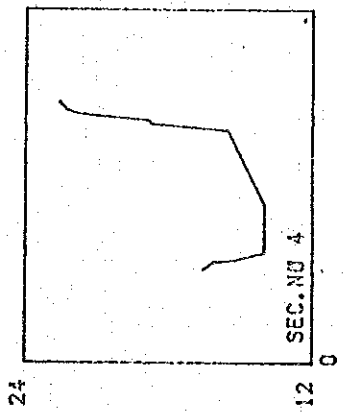
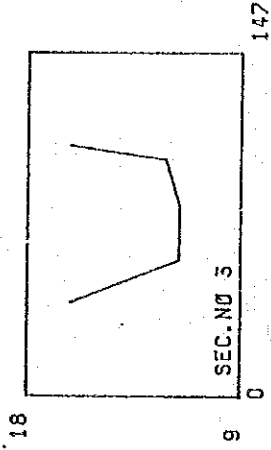
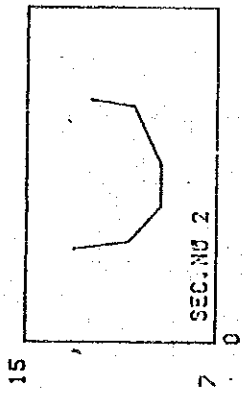
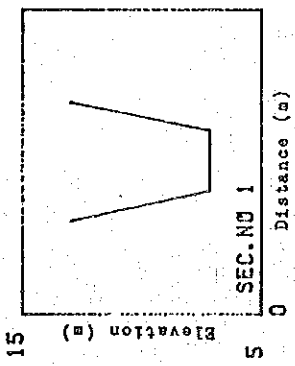
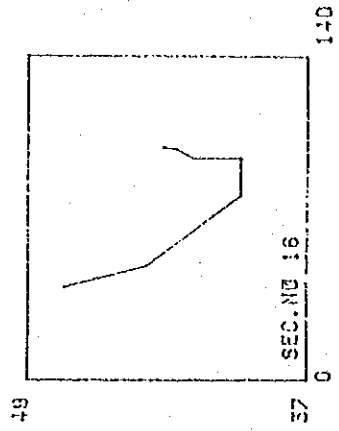
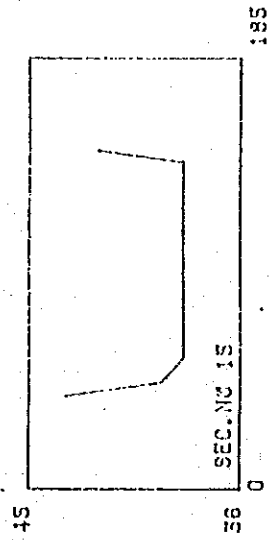
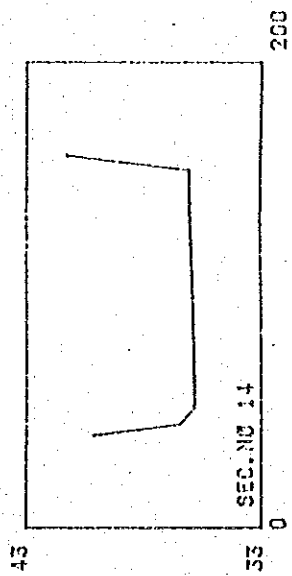
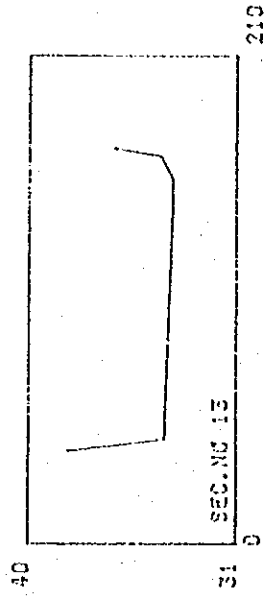
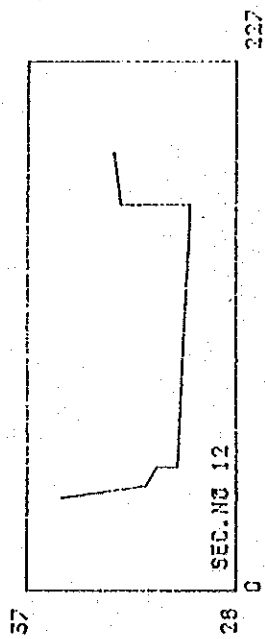
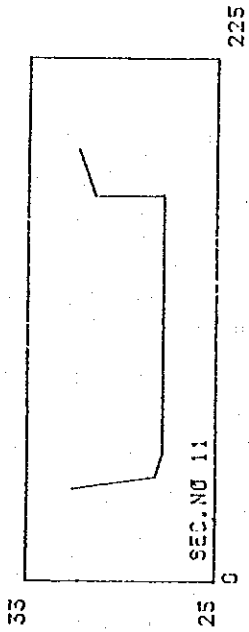
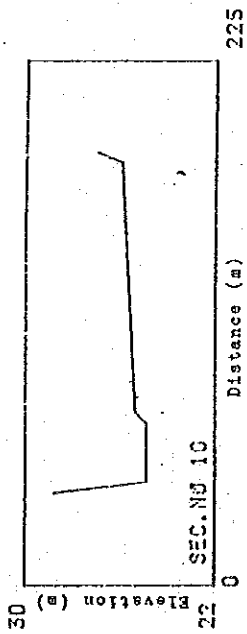
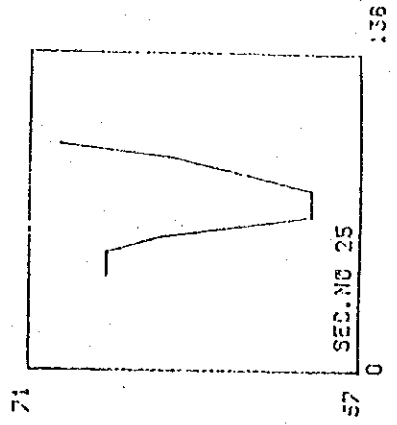
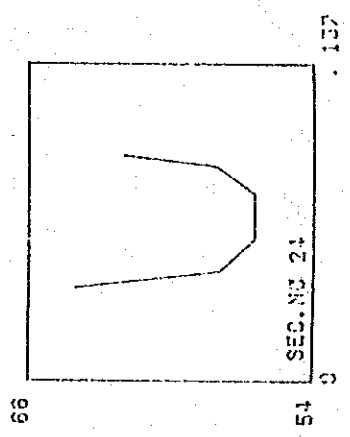
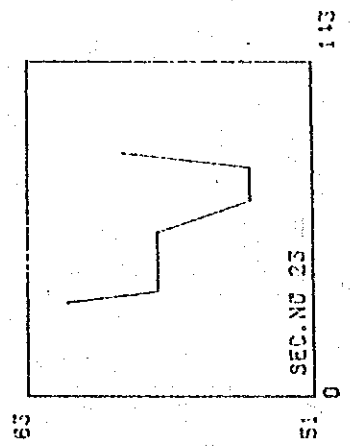
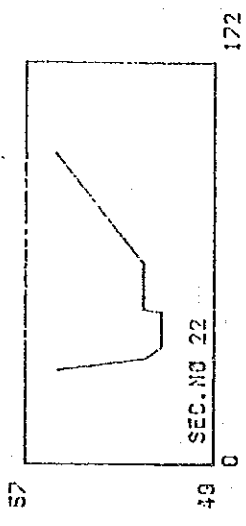
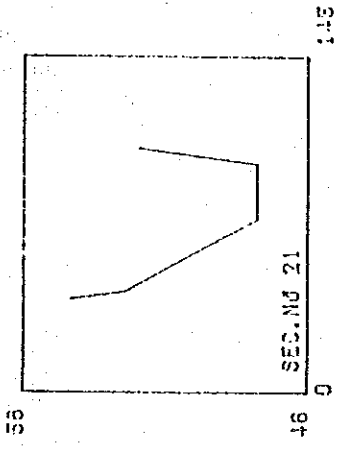
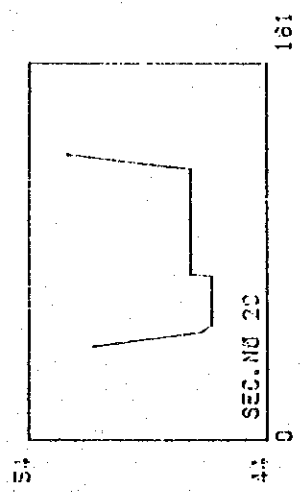
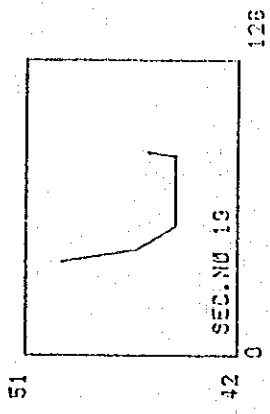
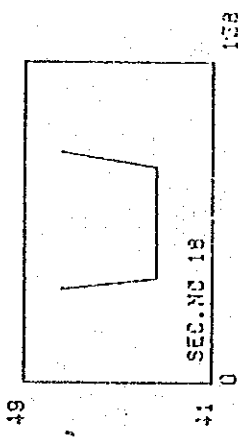
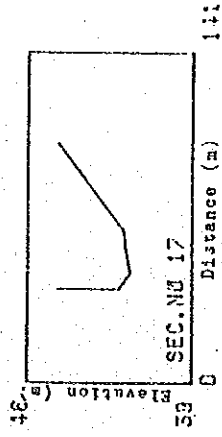


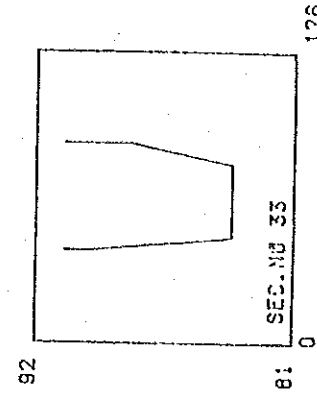
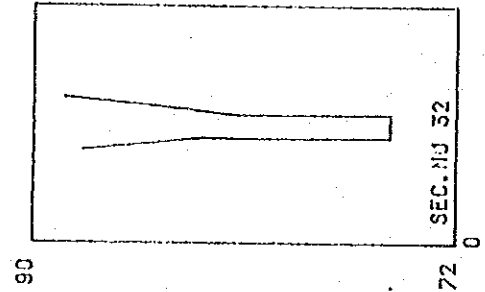
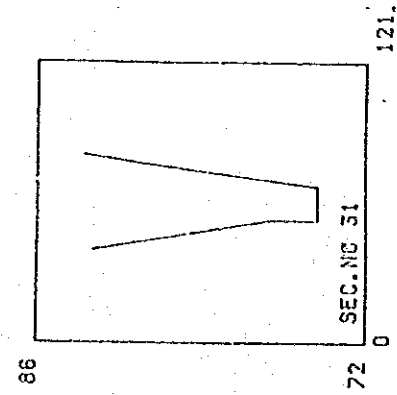
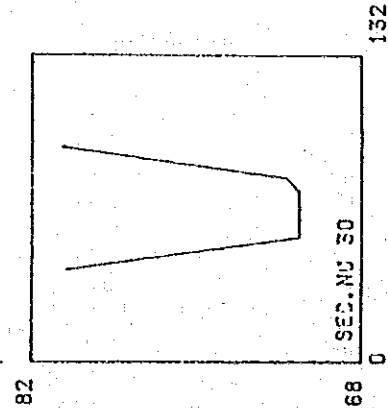
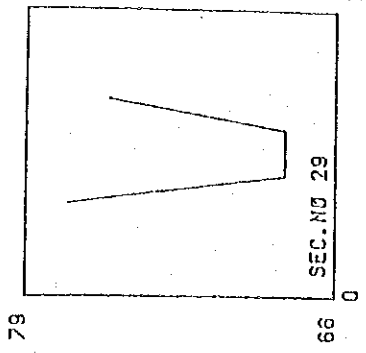
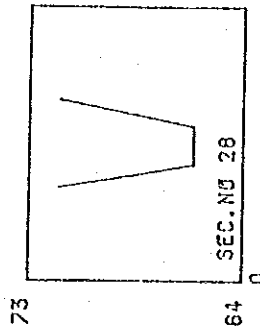
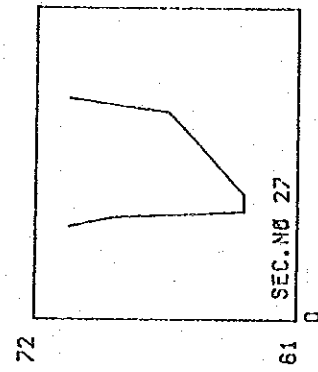
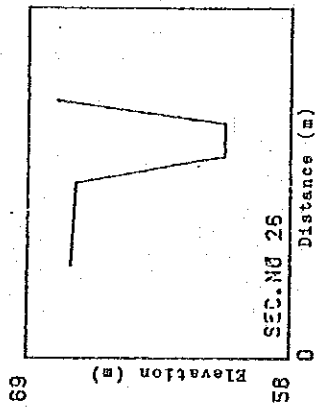
II-2 River Cross Sections

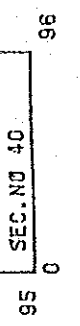
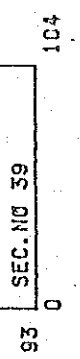
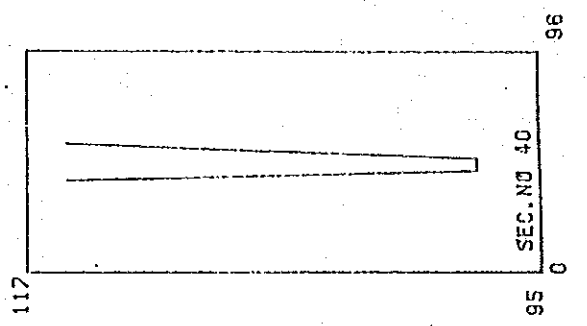
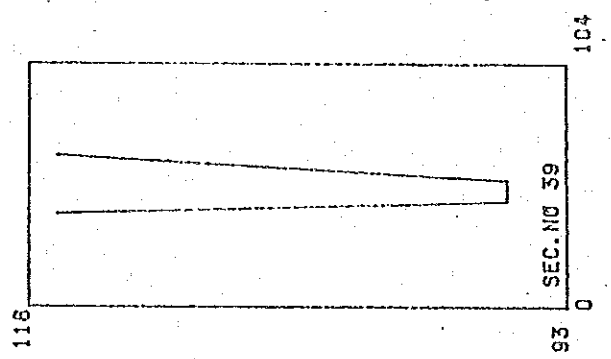
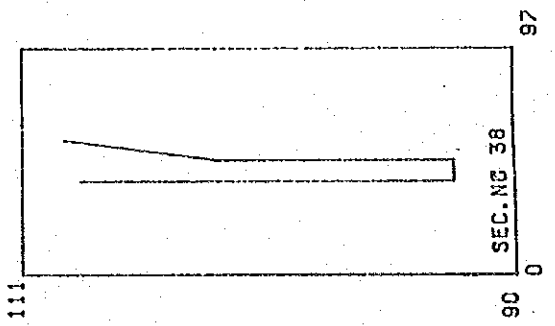
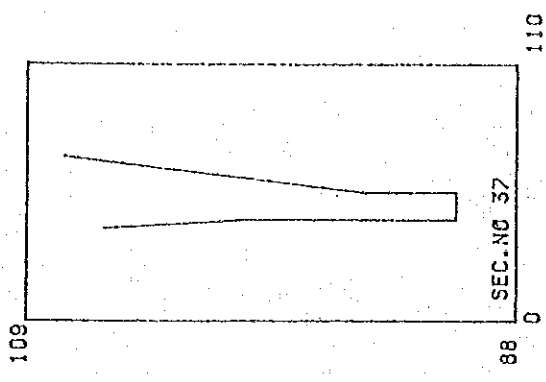
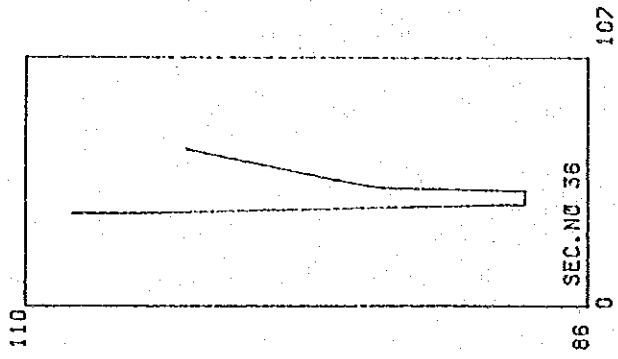
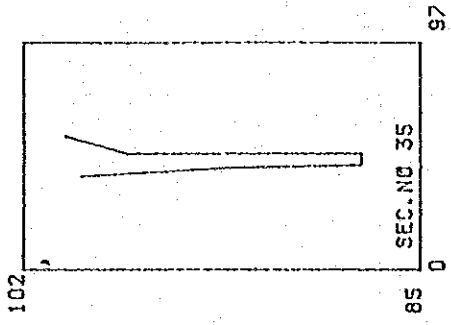
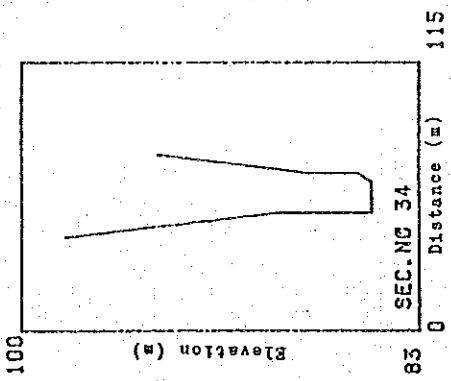


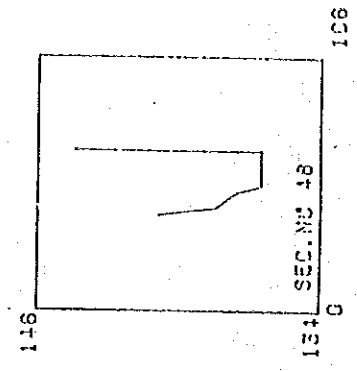
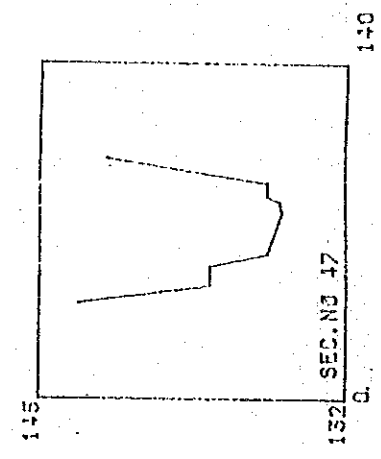
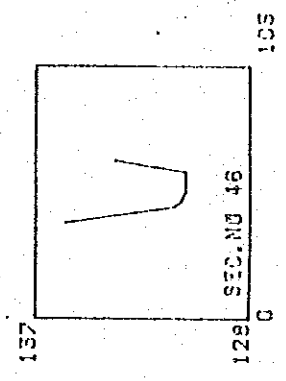
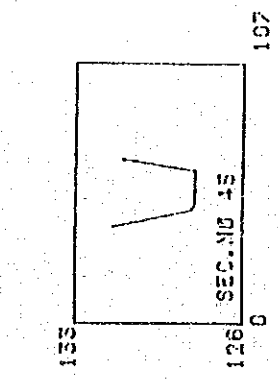
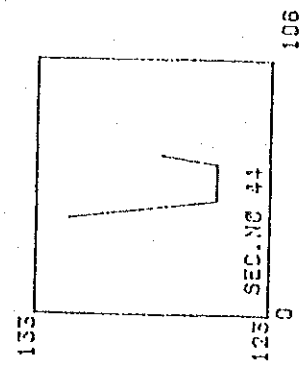
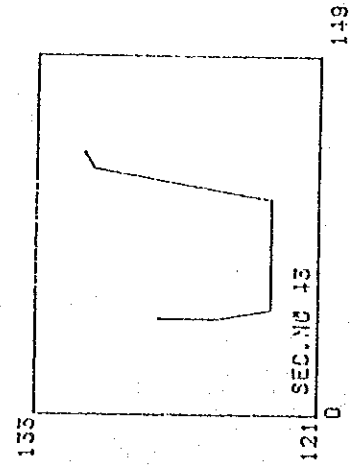
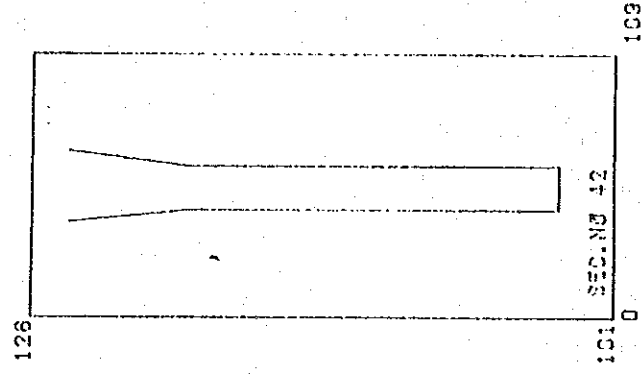
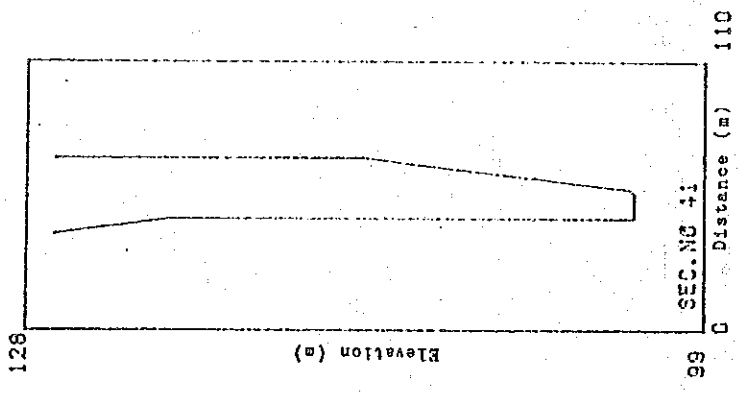




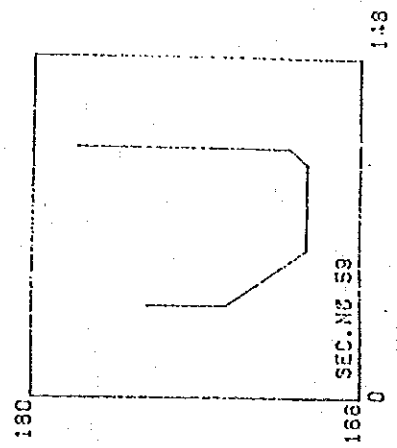
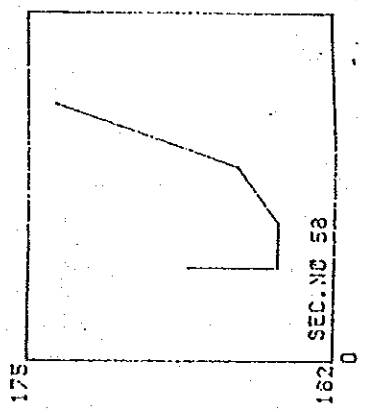
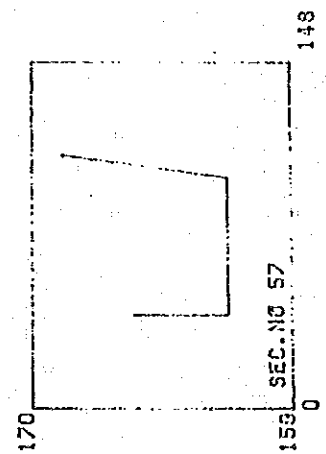
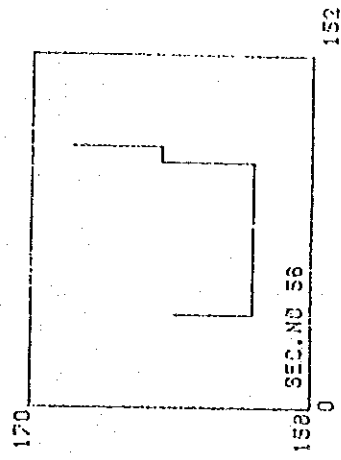
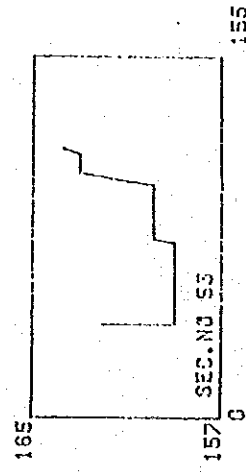
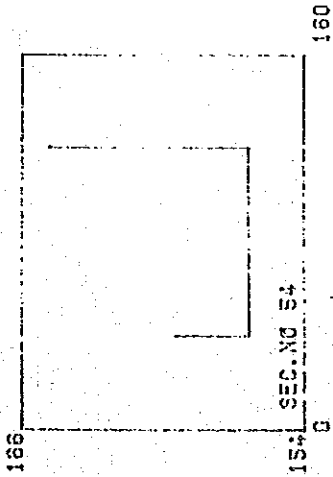
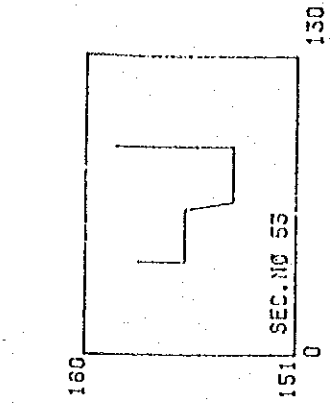
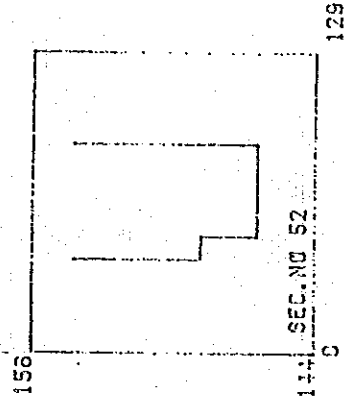
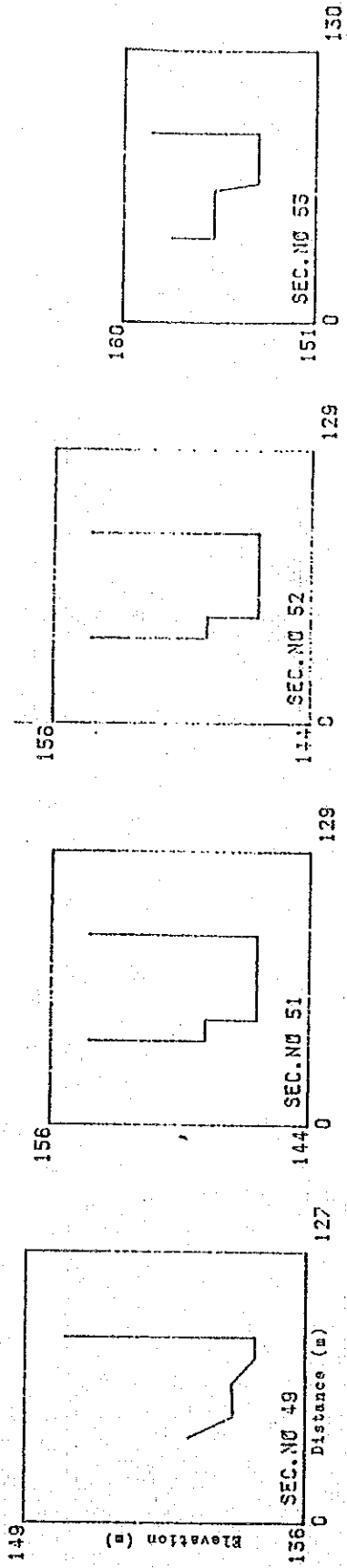


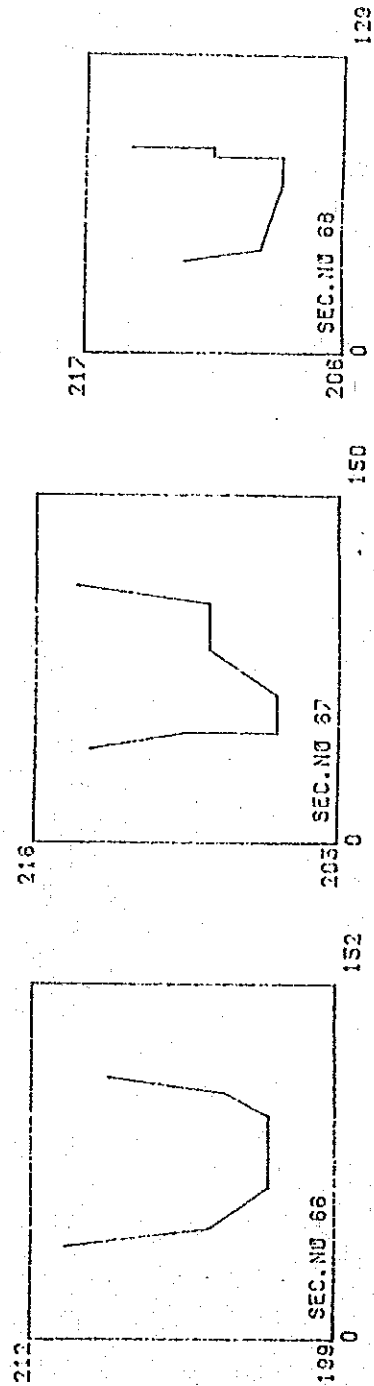
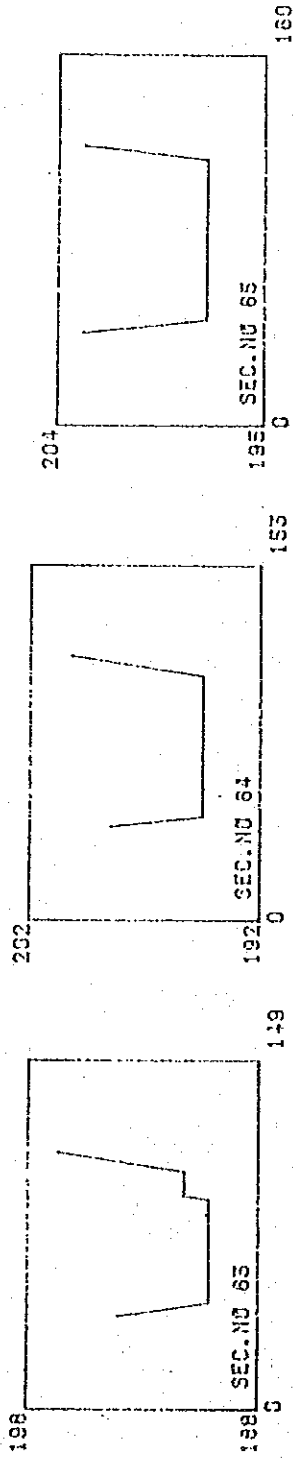
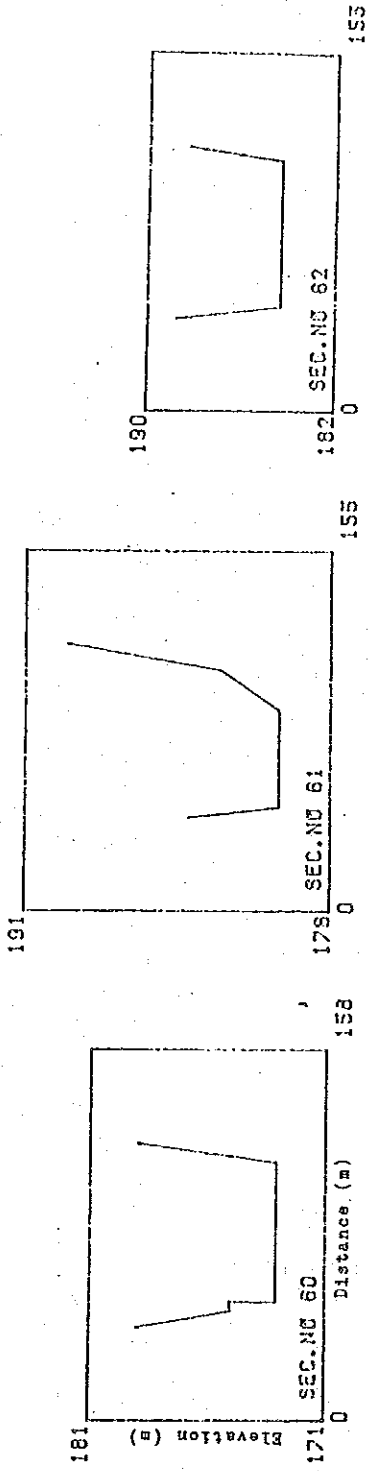


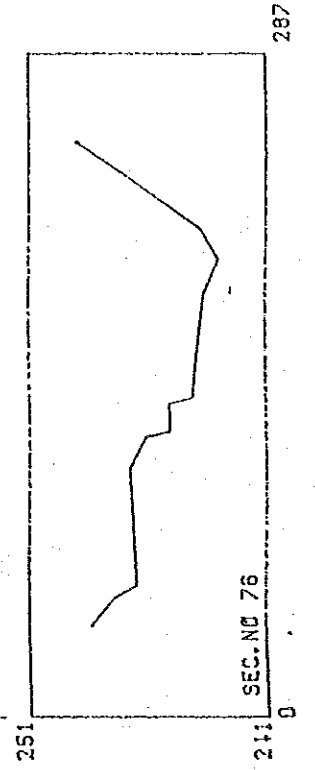
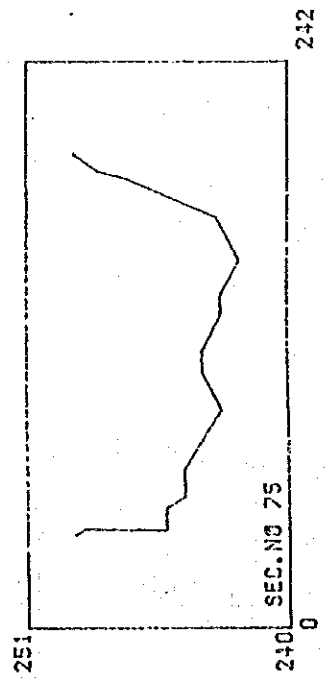
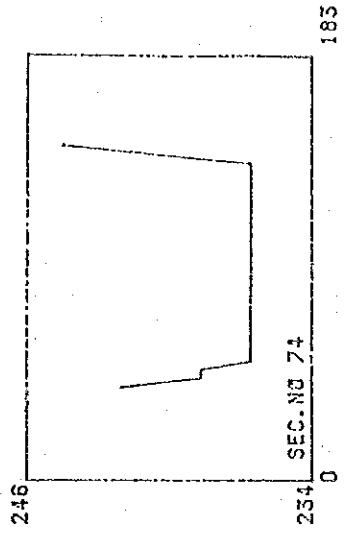
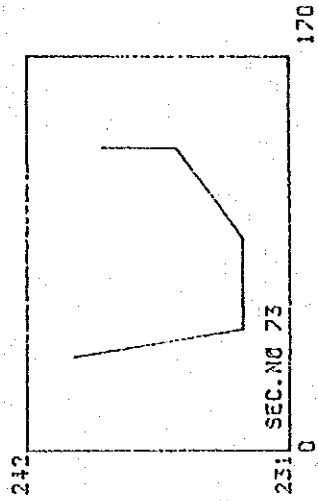
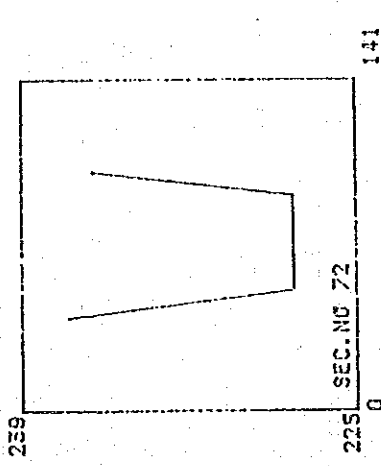
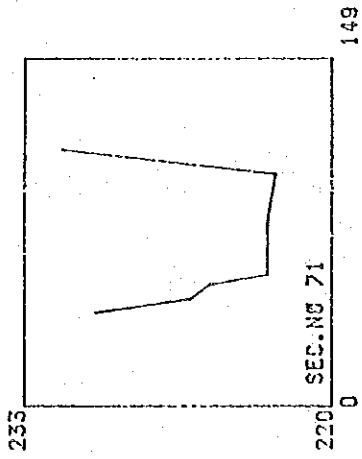
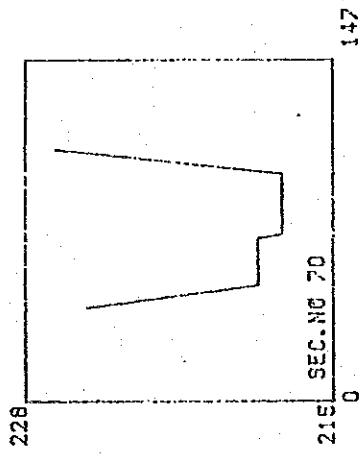
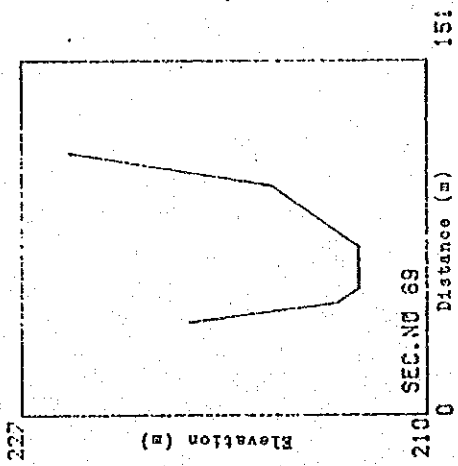


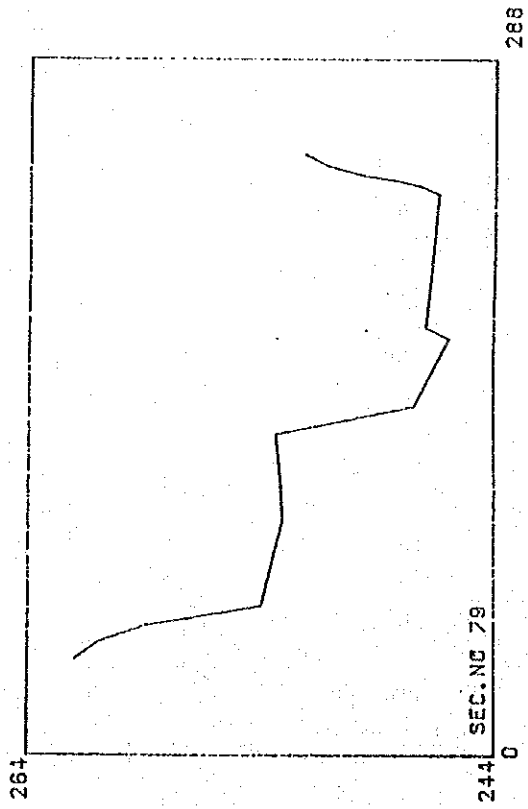
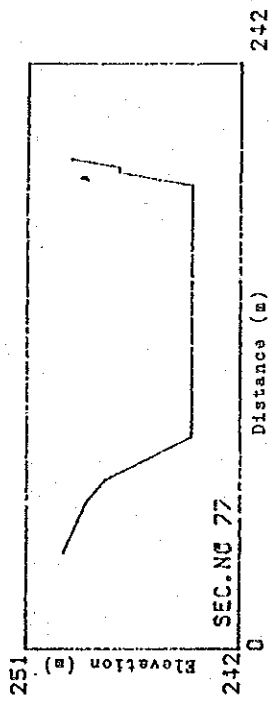
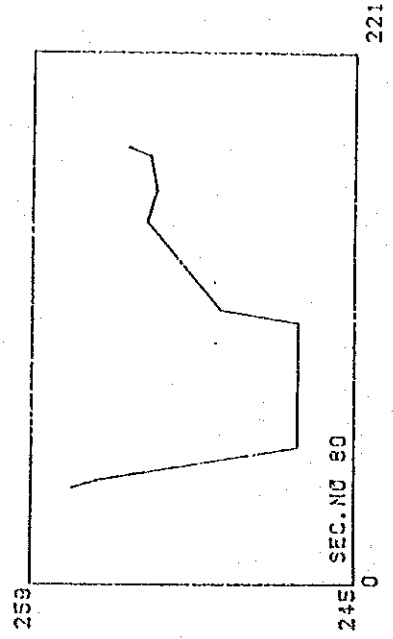
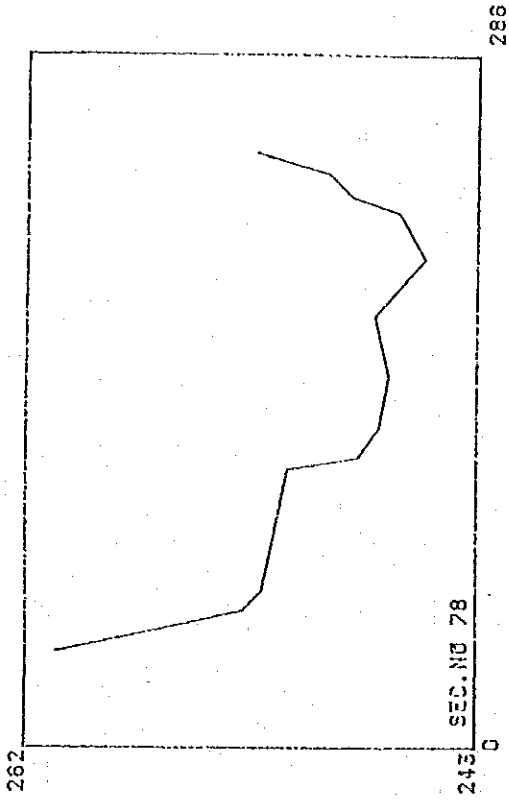


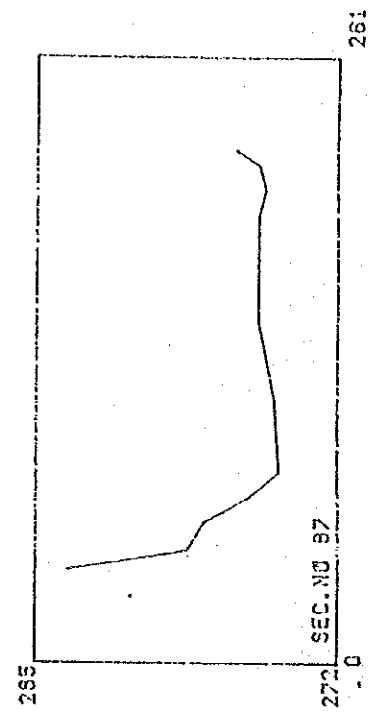
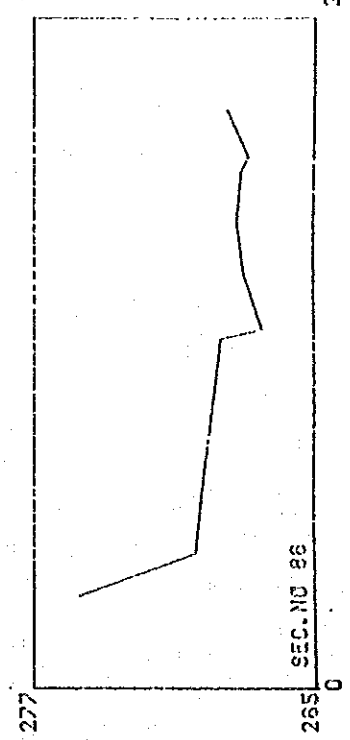
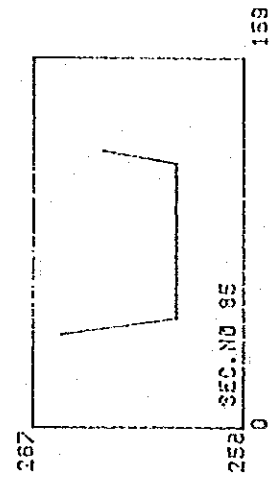
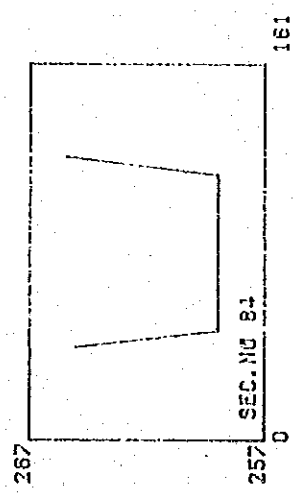
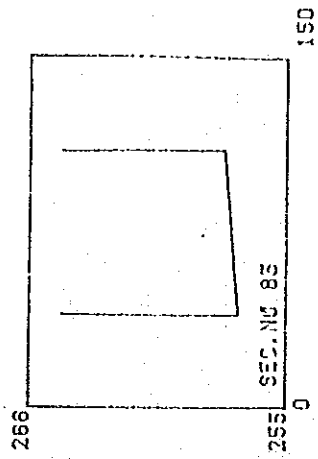
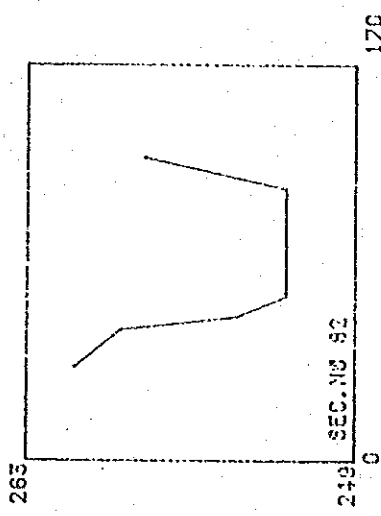
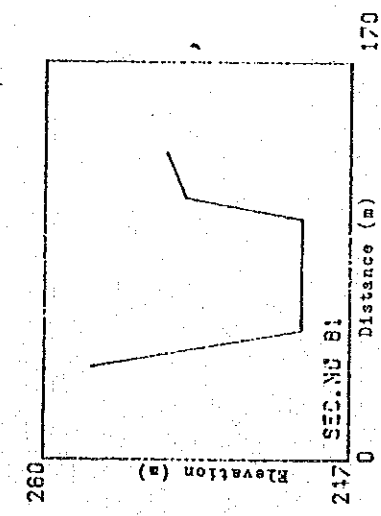


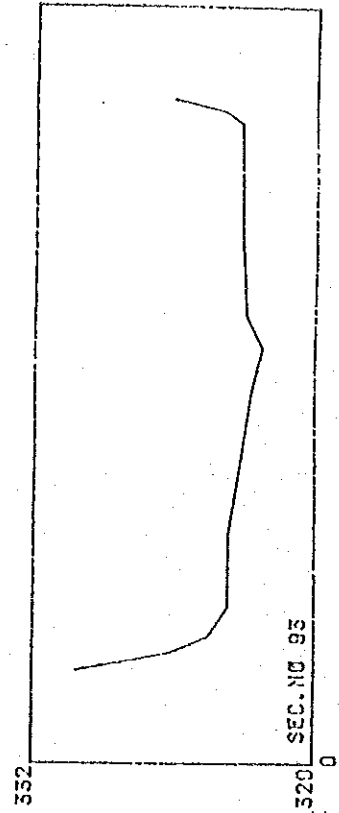
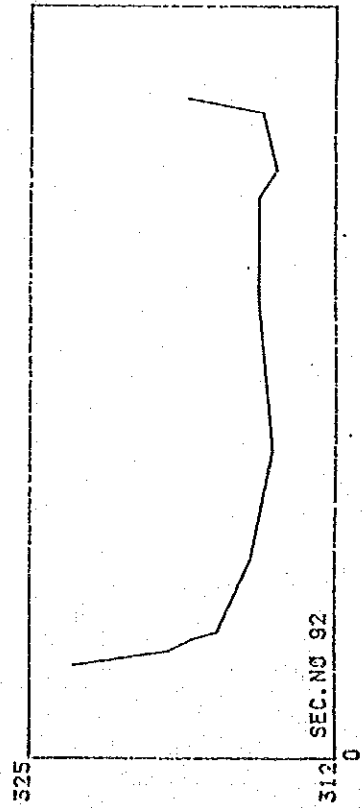
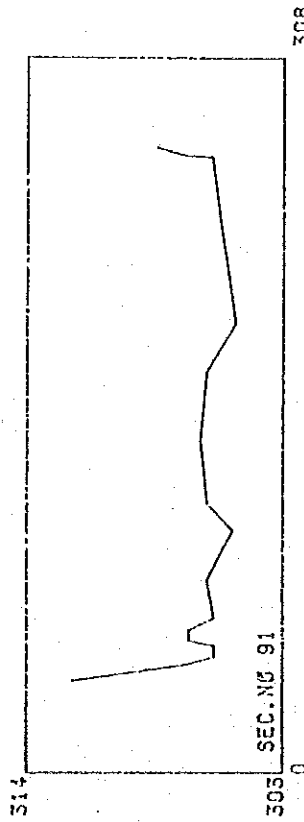
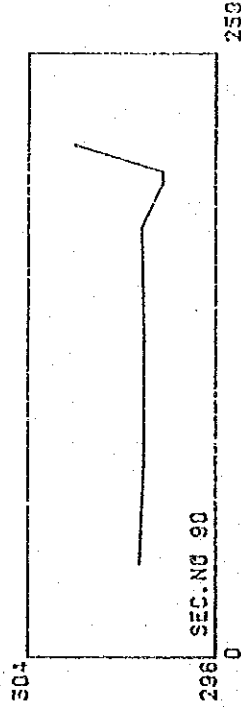
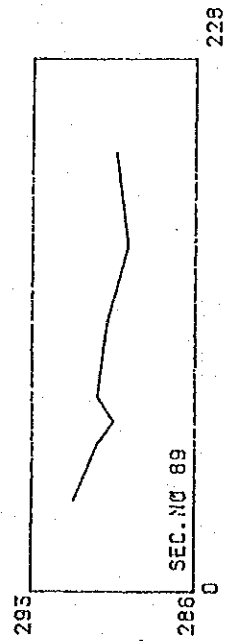
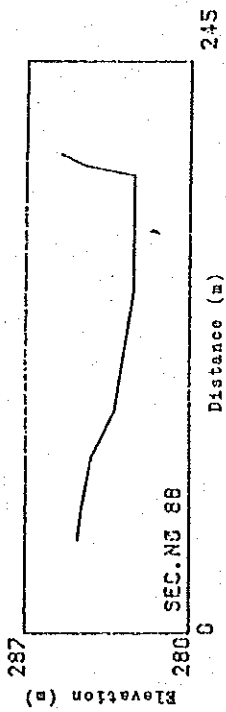


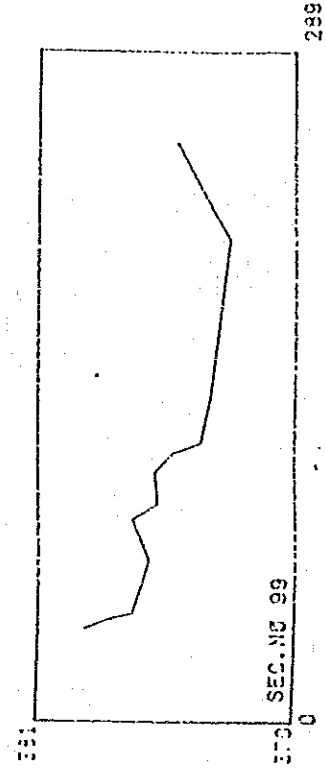
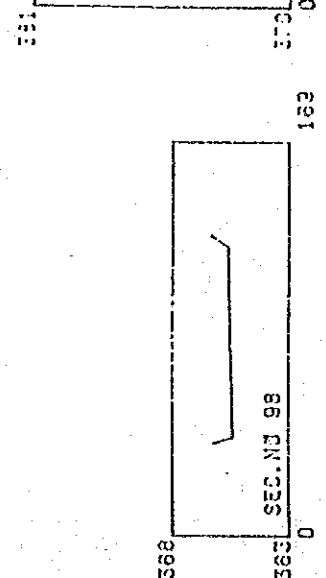
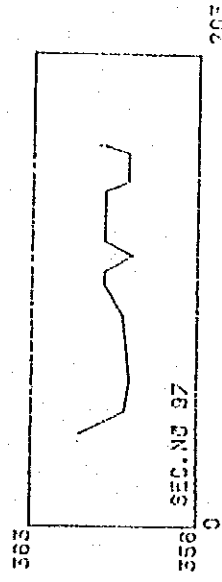
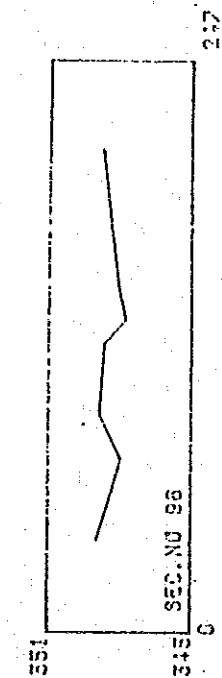
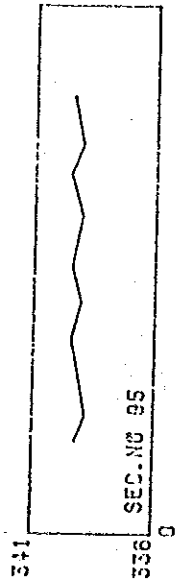
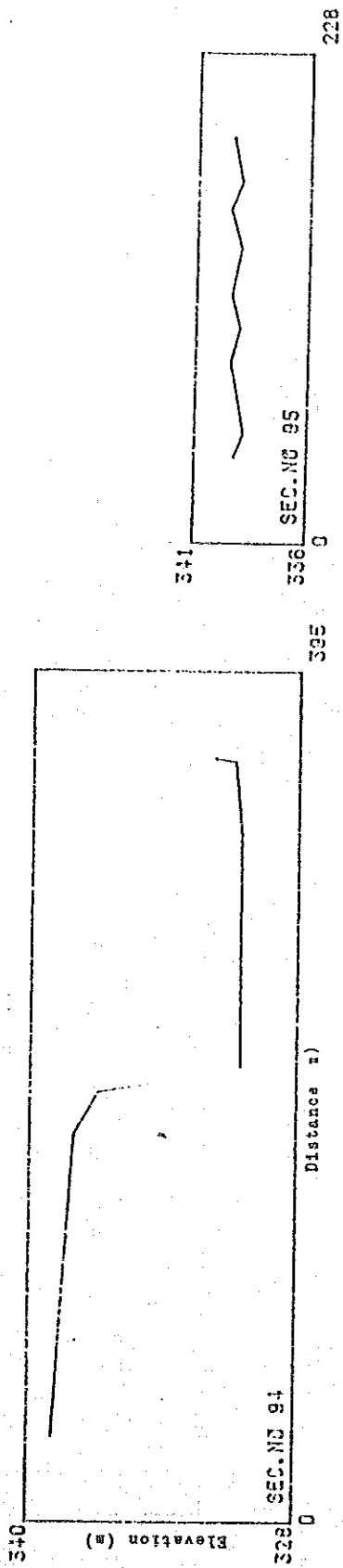


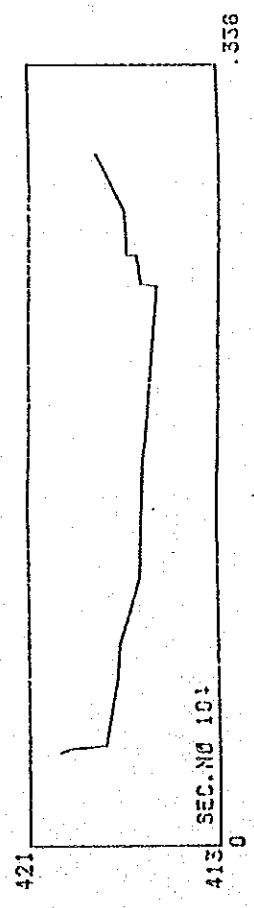
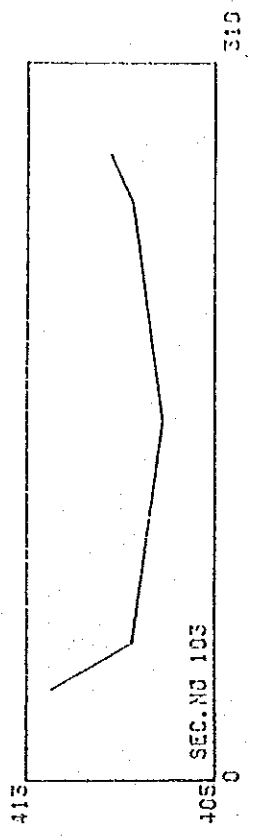
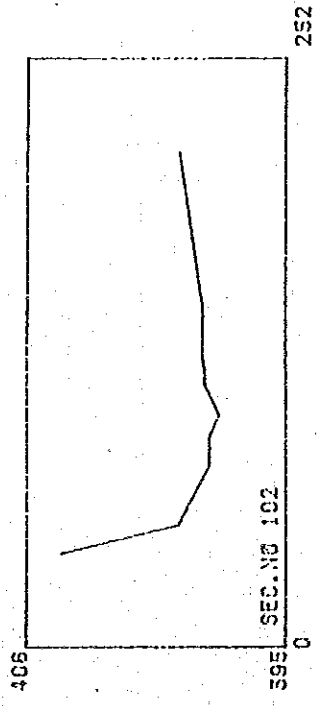
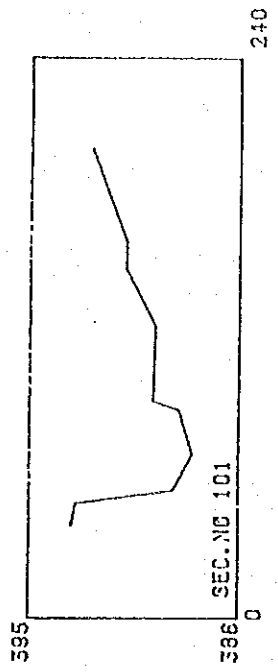
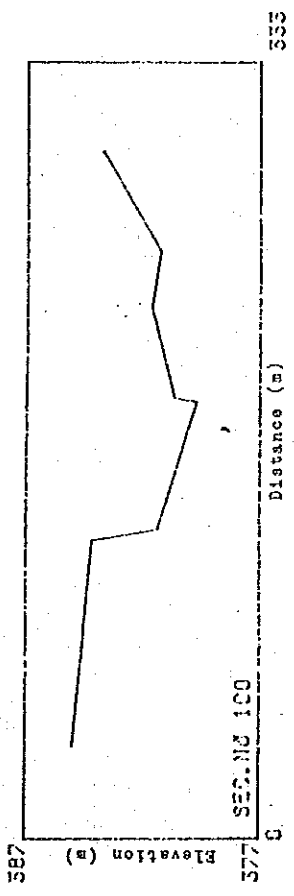




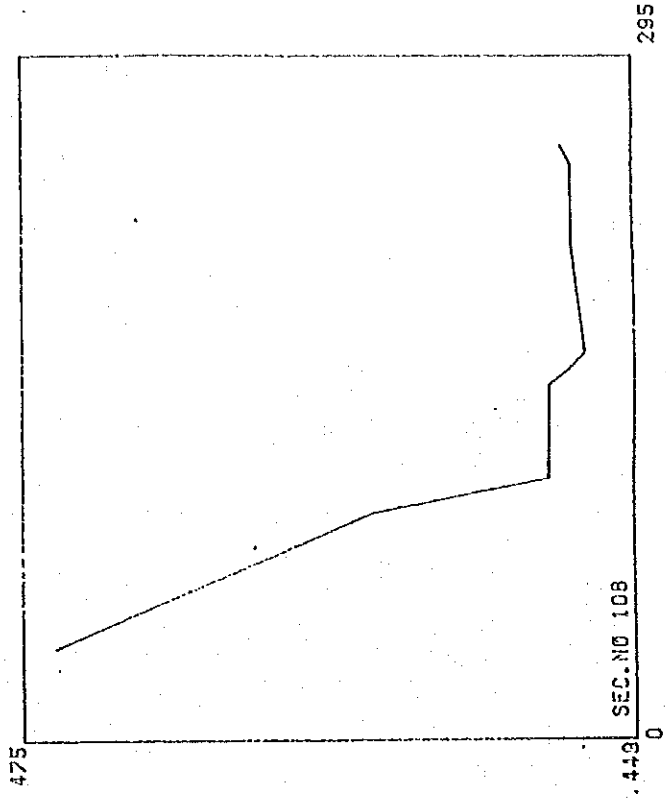
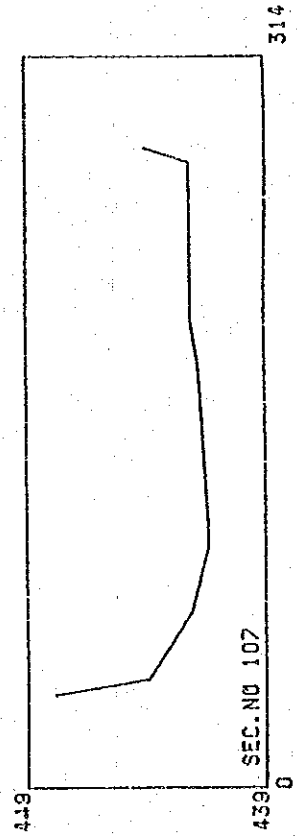
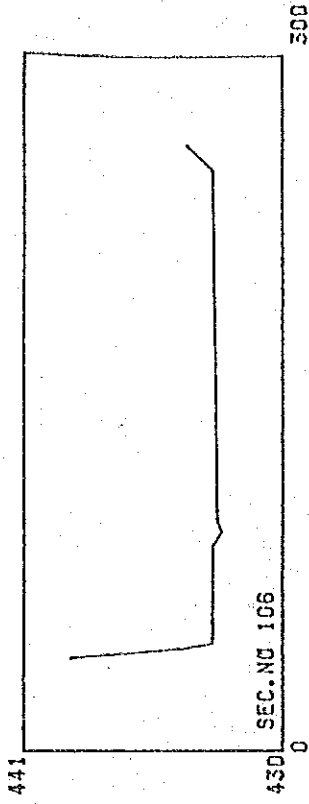
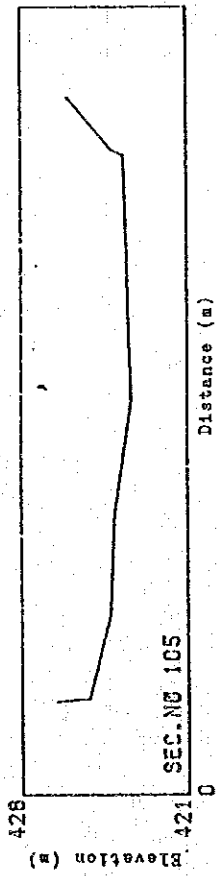


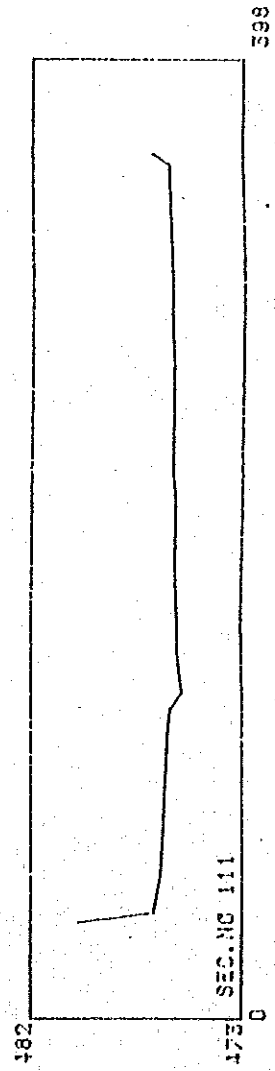
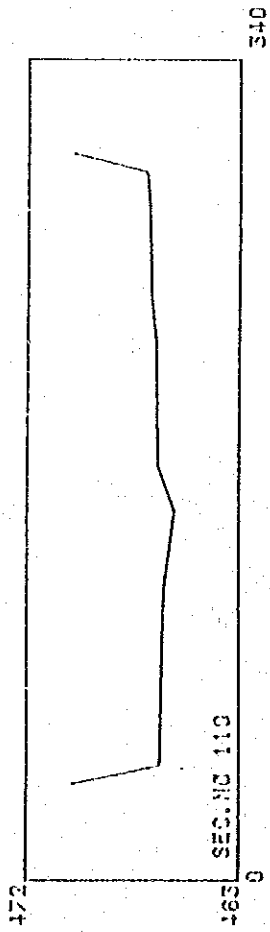
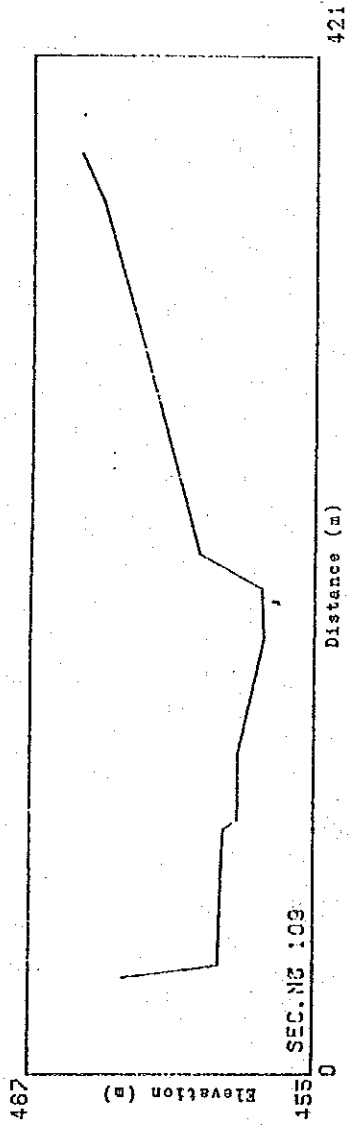


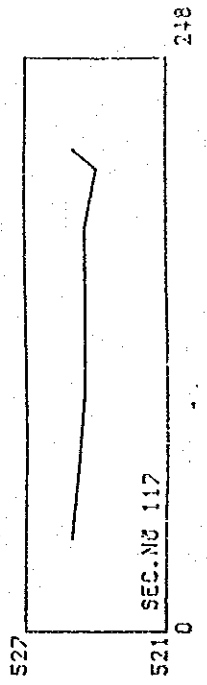
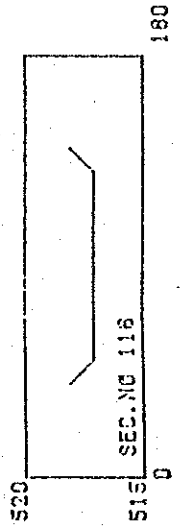
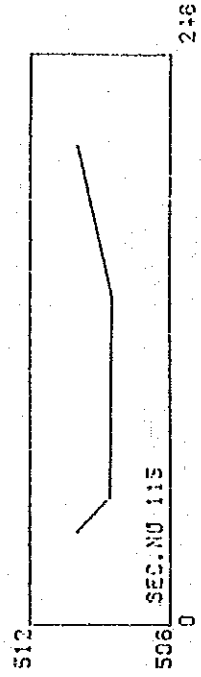
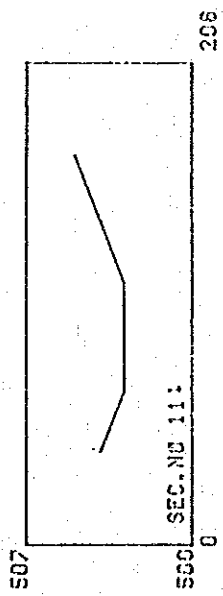
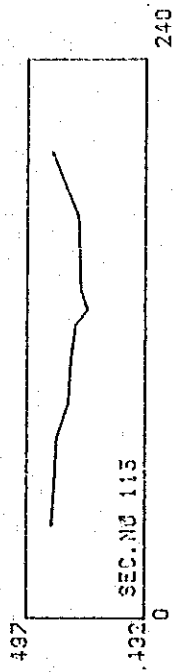
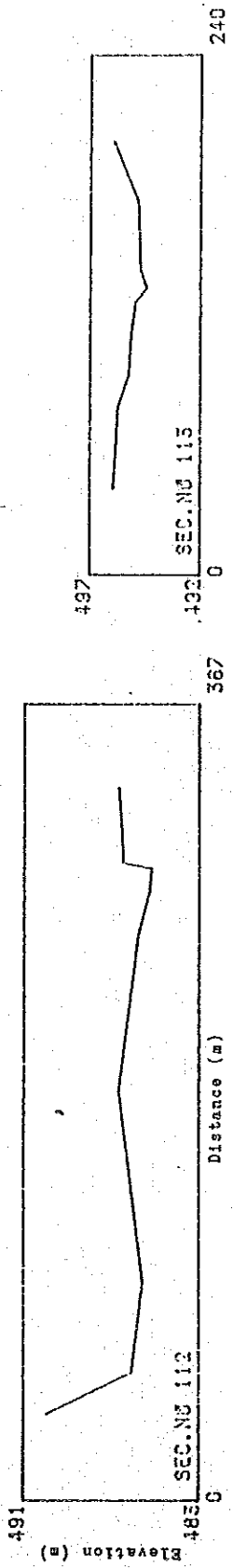


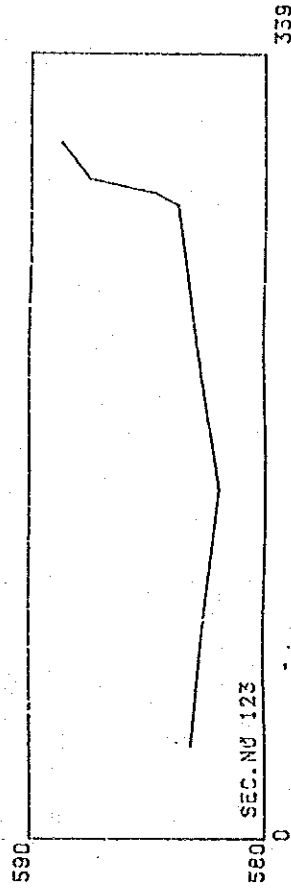
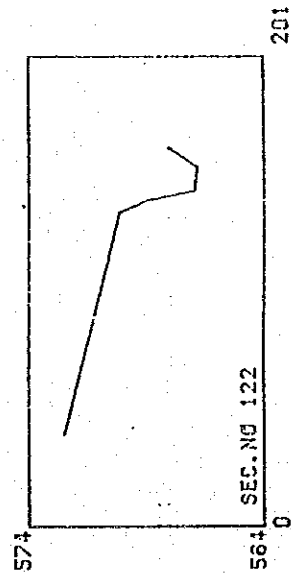
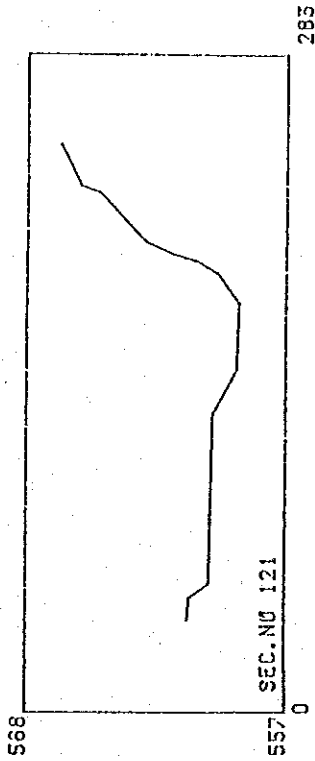
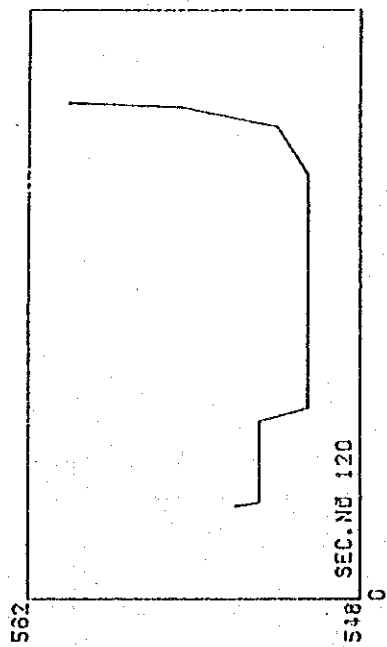
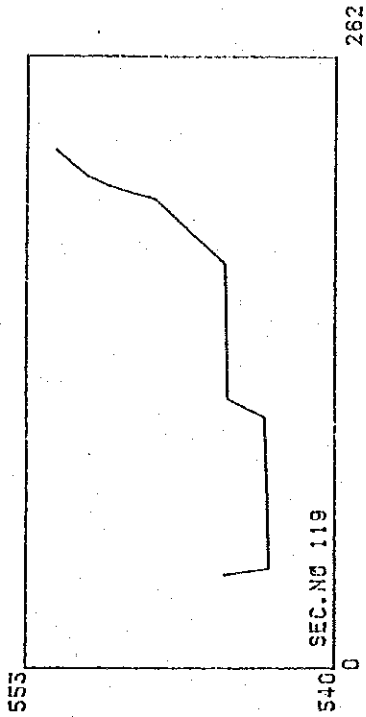
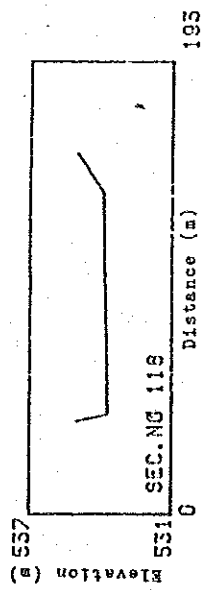


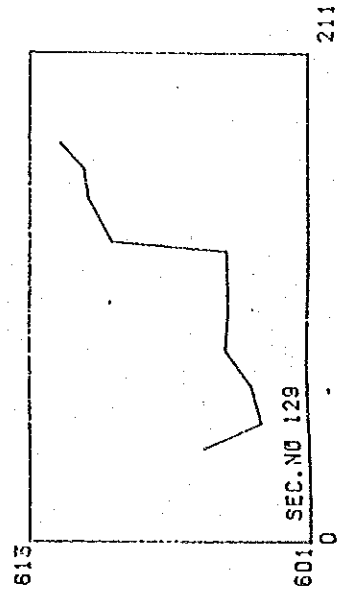
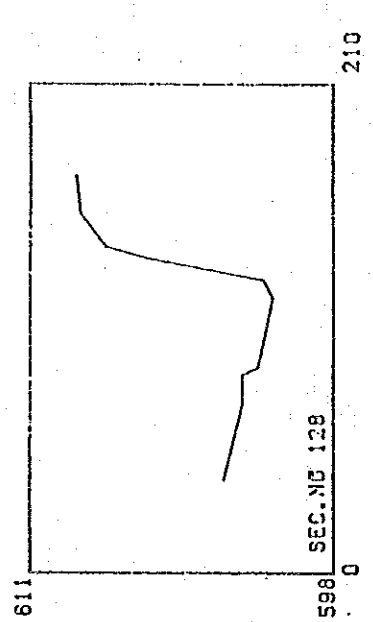
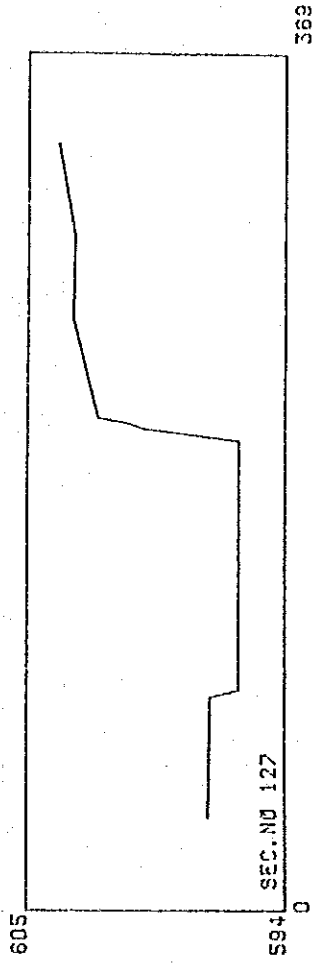
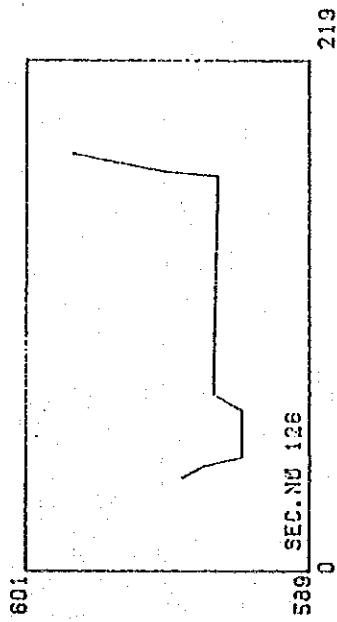
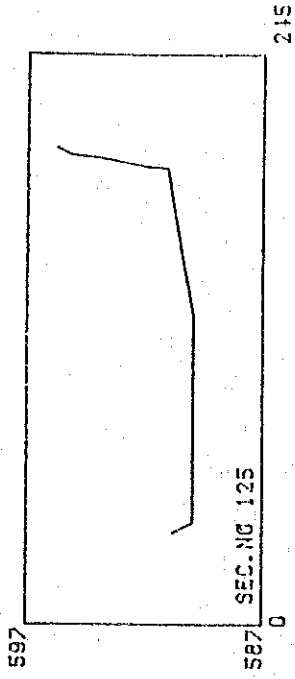
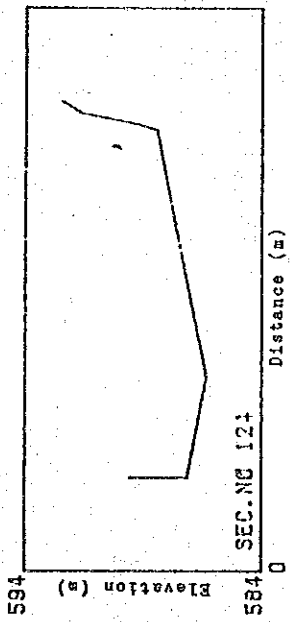


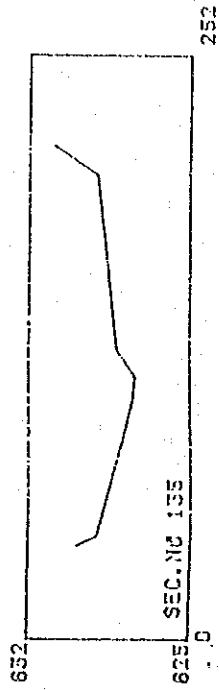
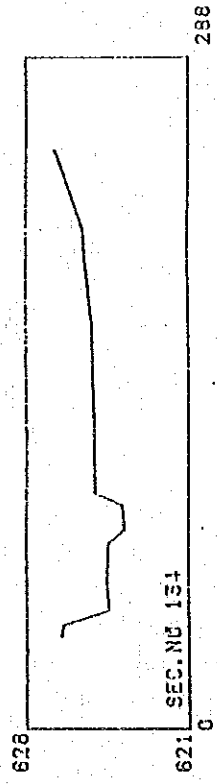
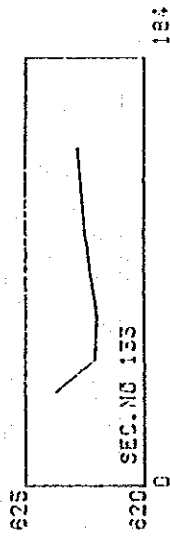
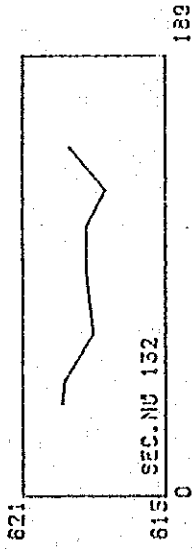
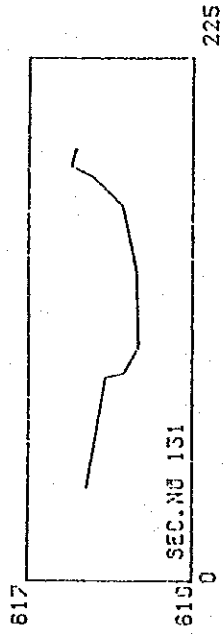
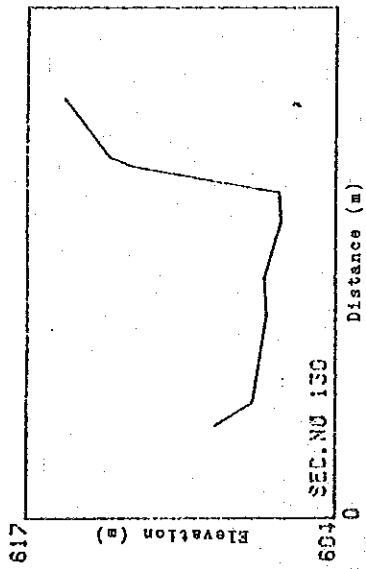


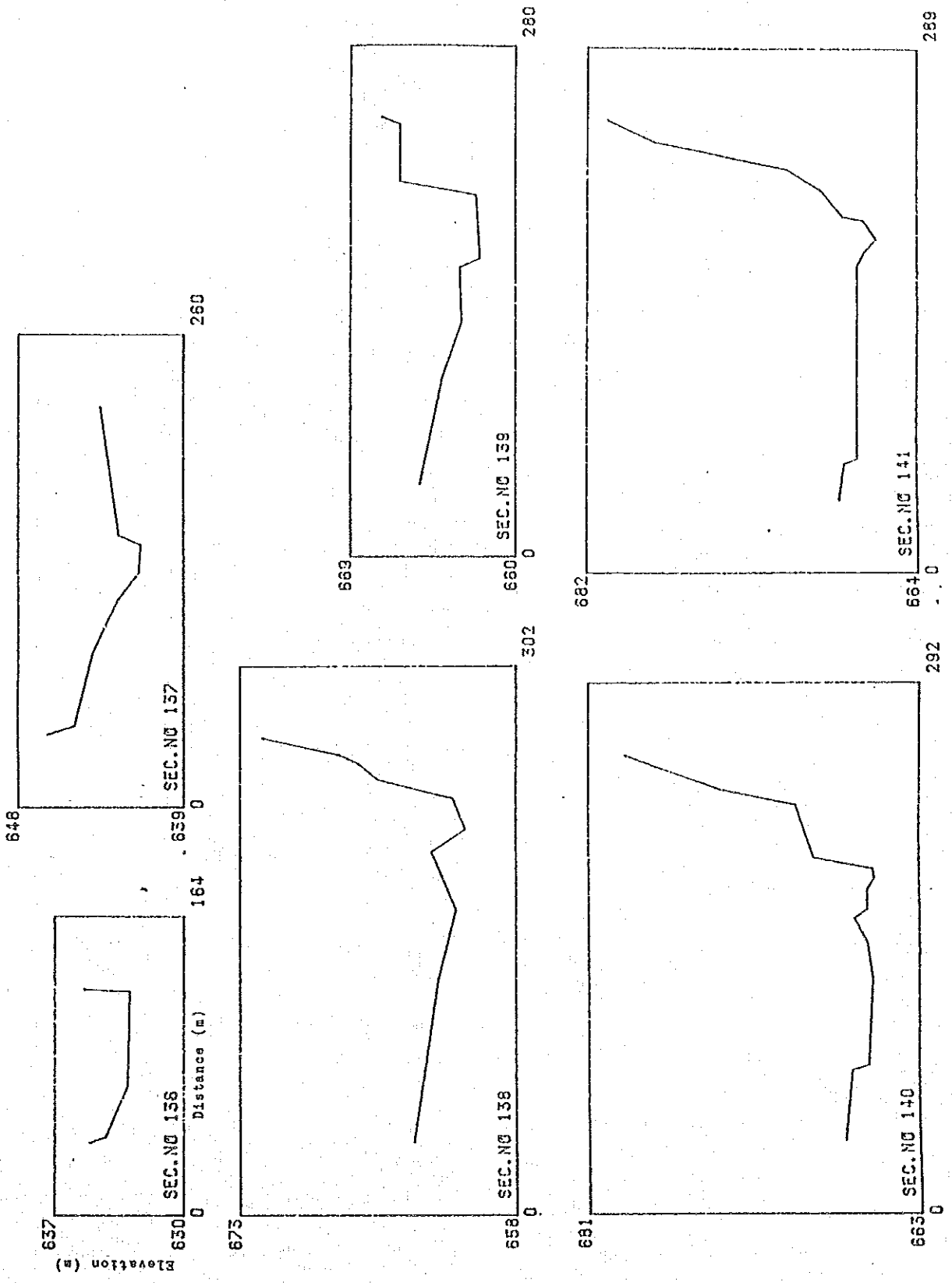


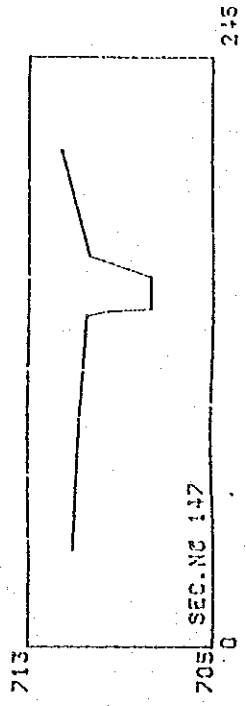
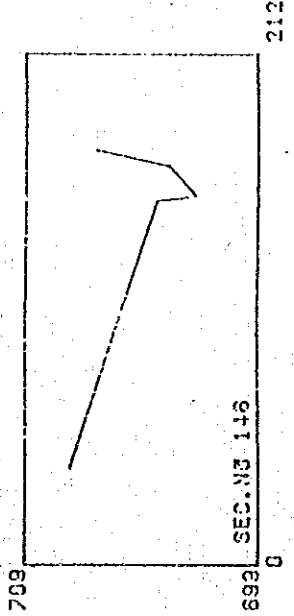
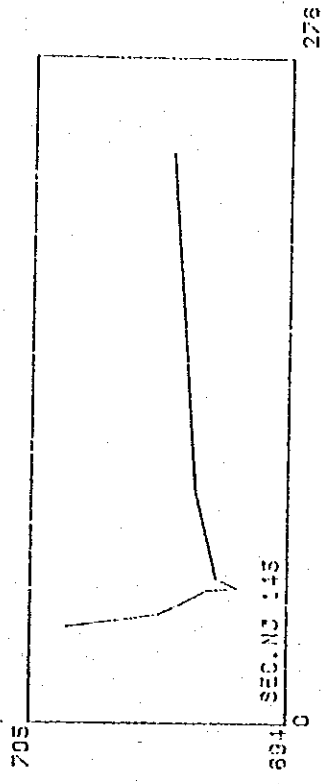
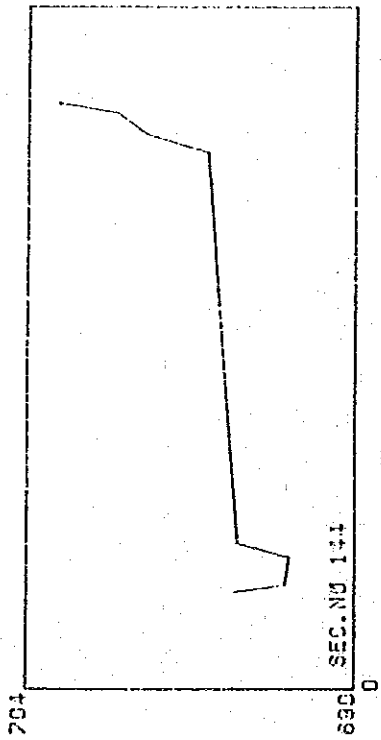
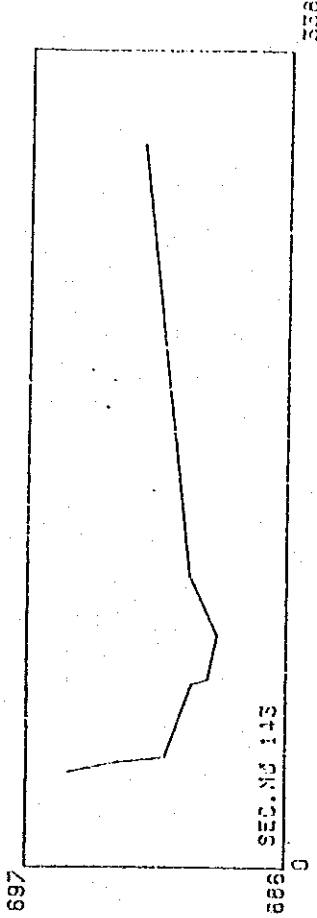
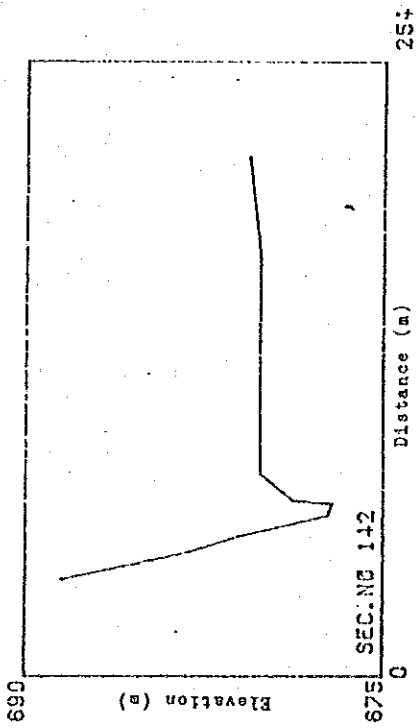




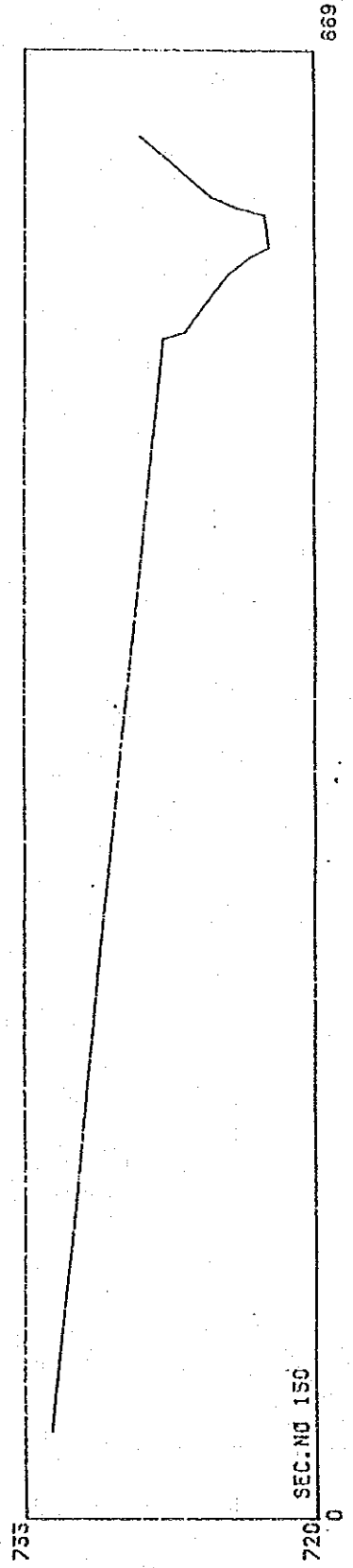
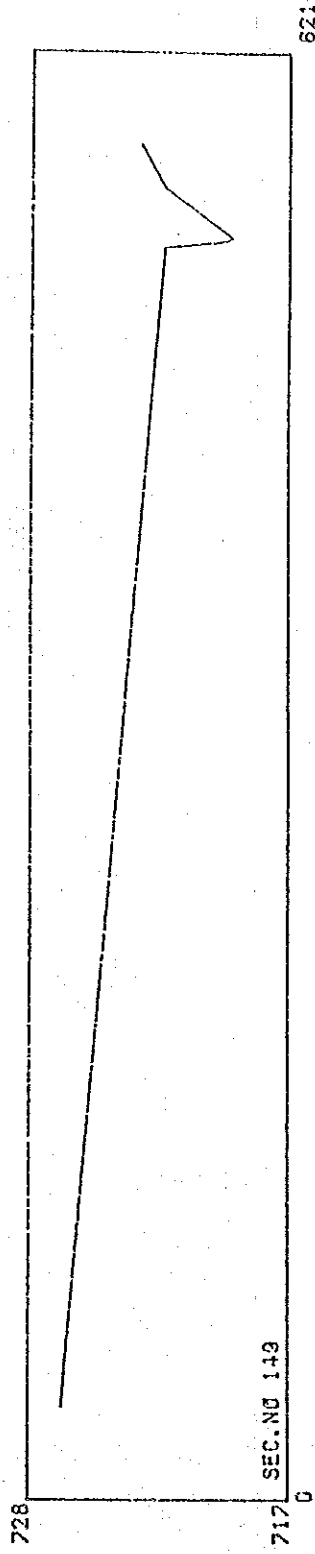
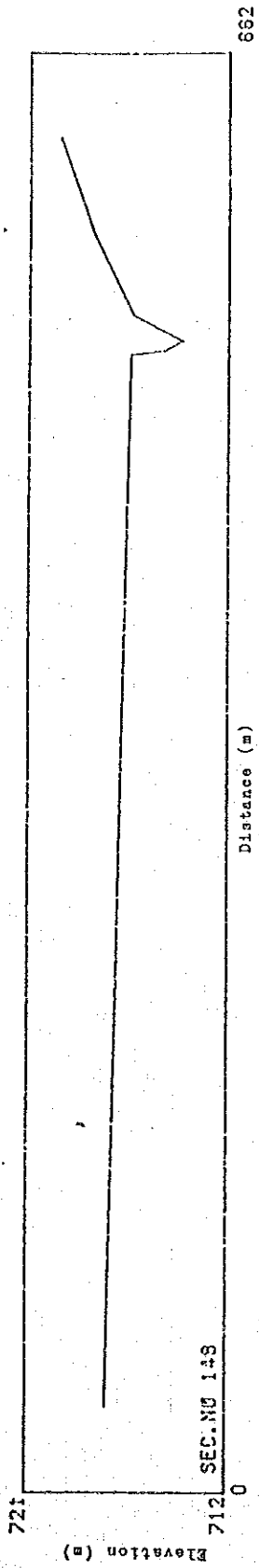


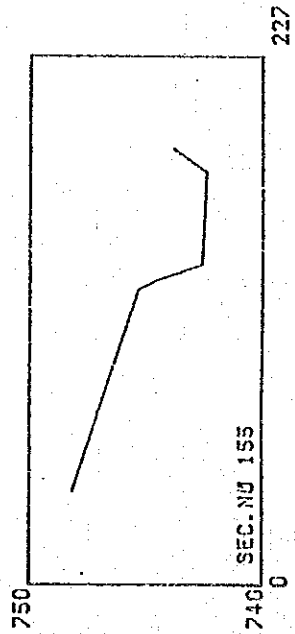
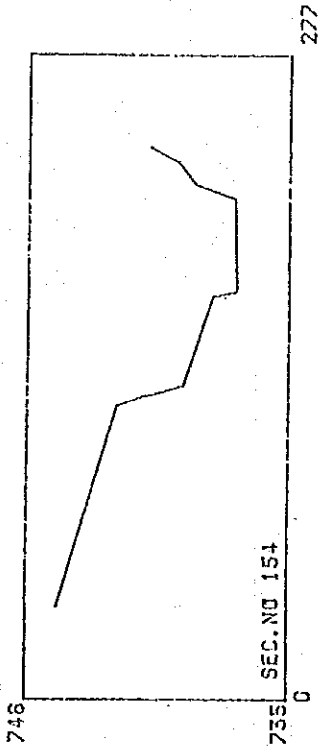
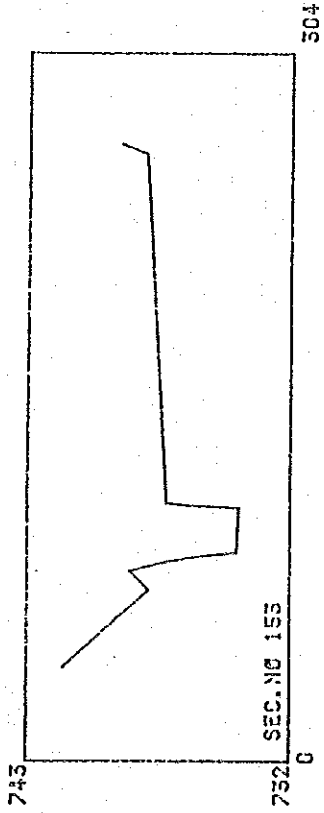
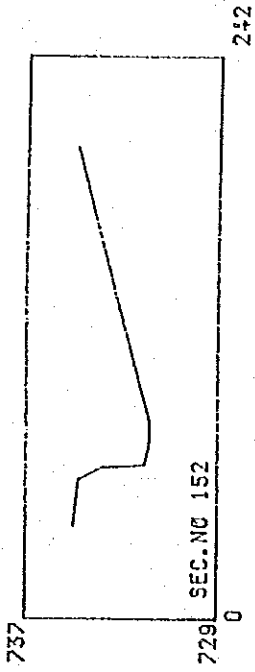
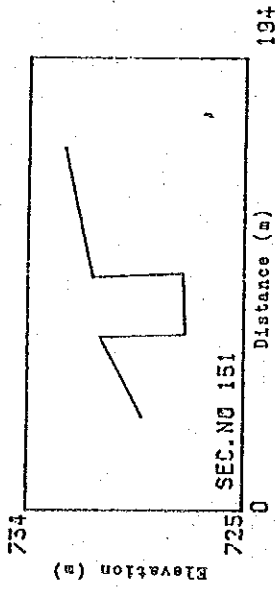


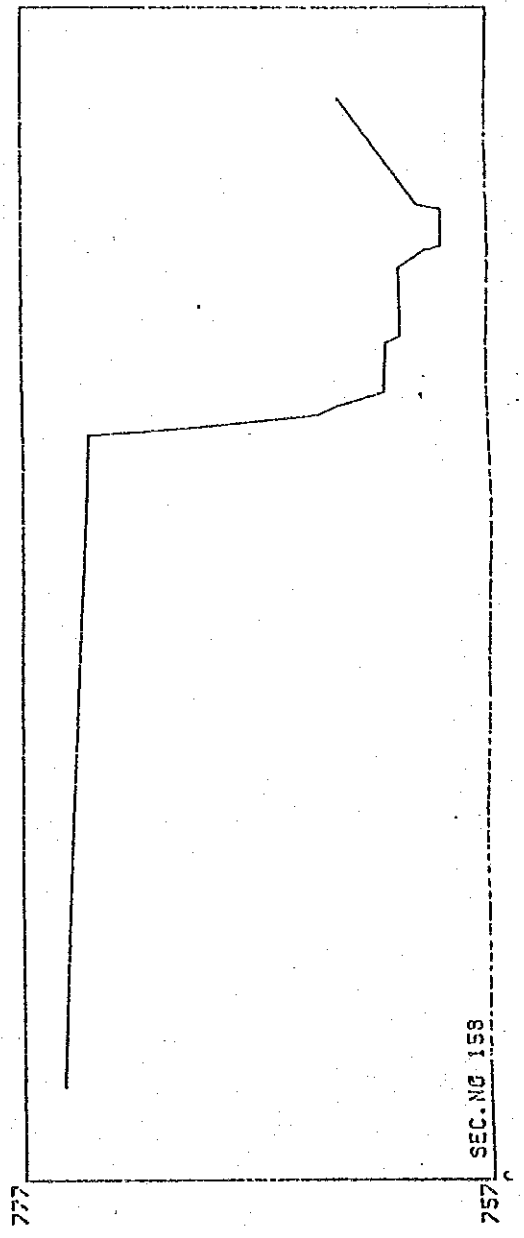
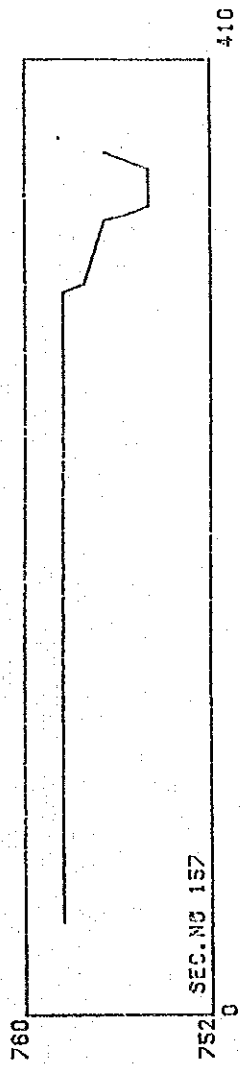
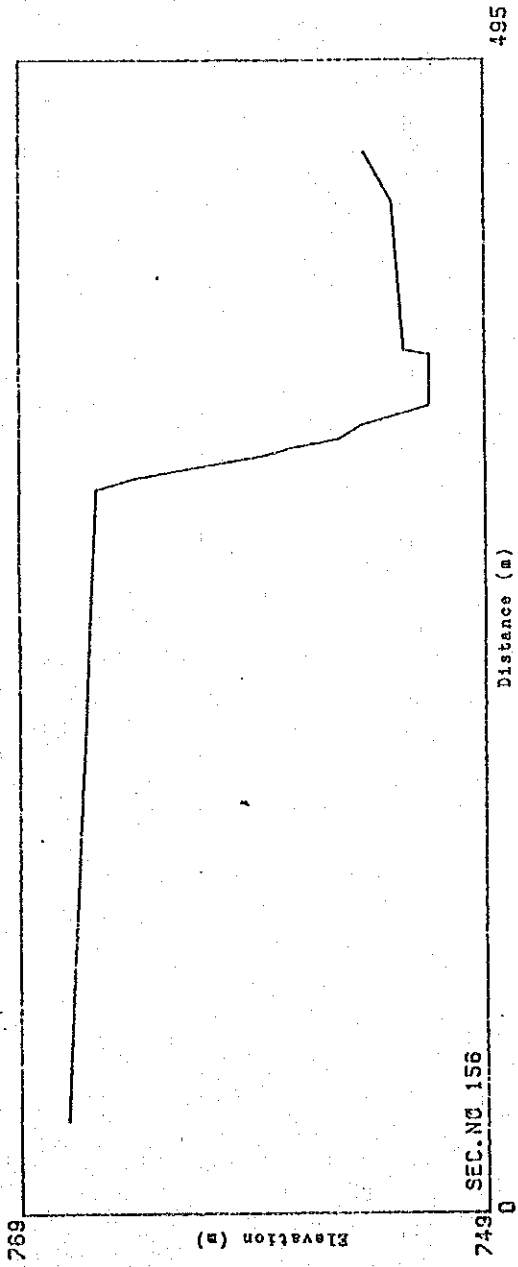


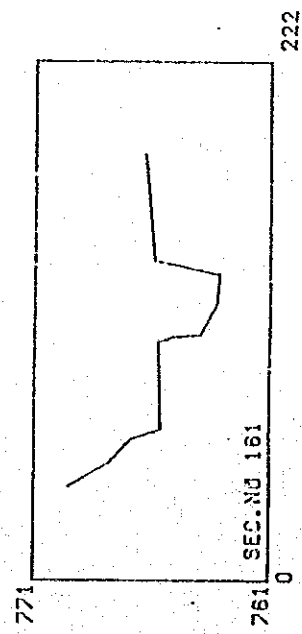
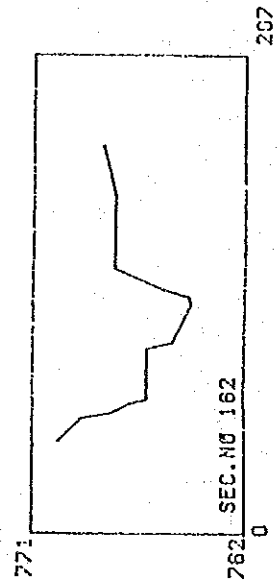
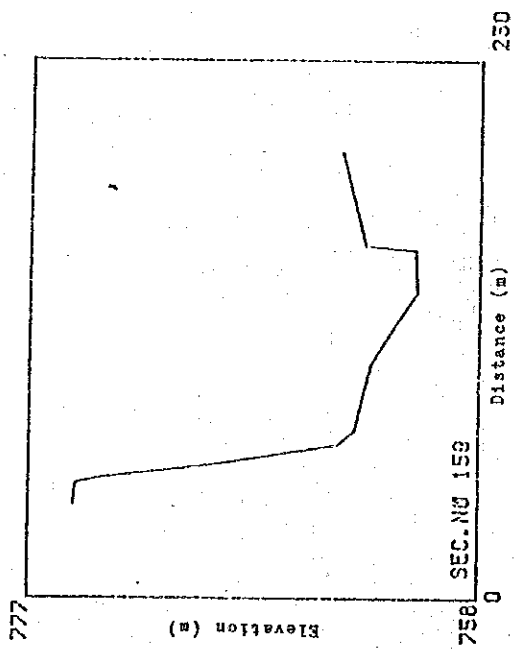
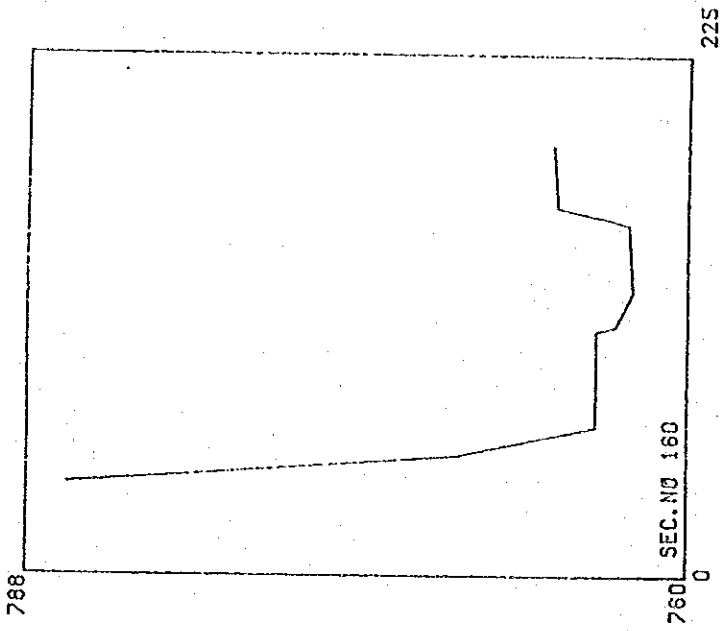


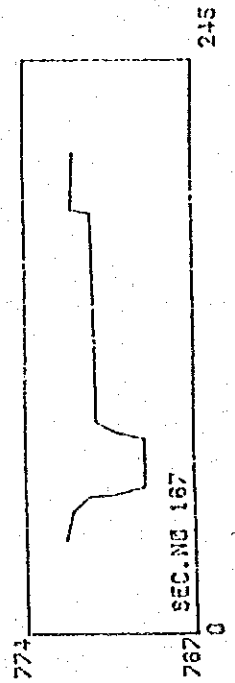
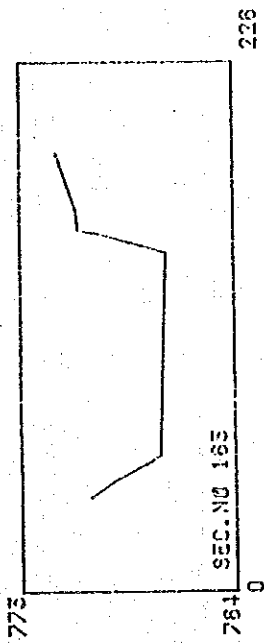
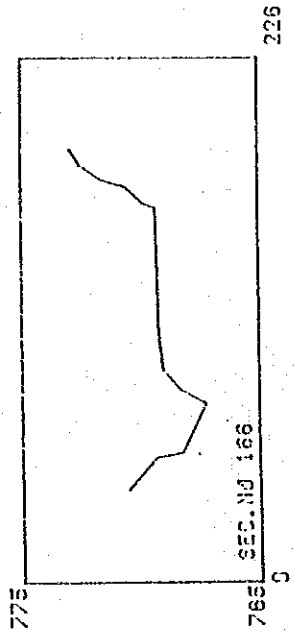
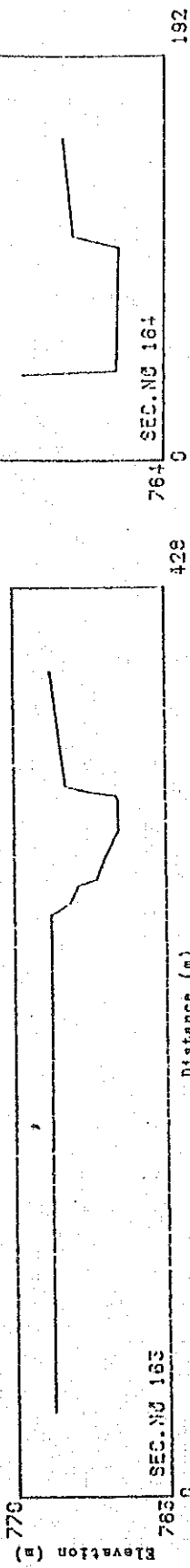


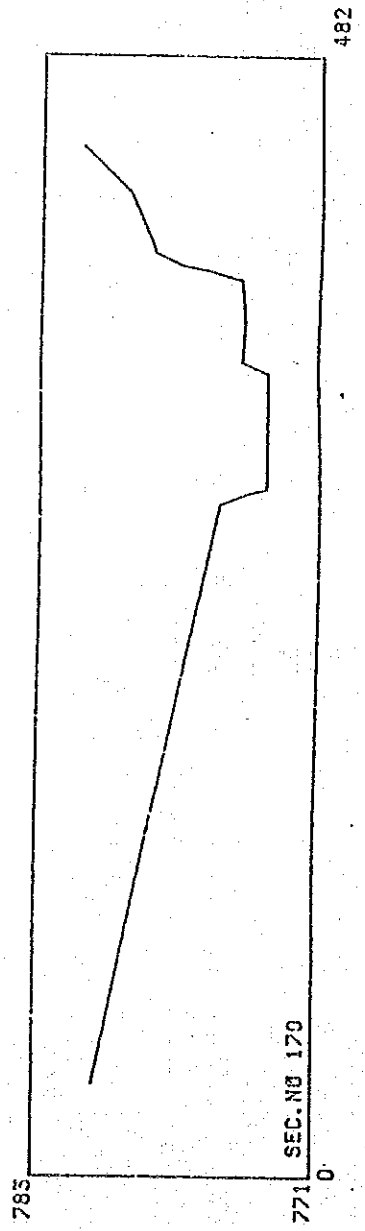
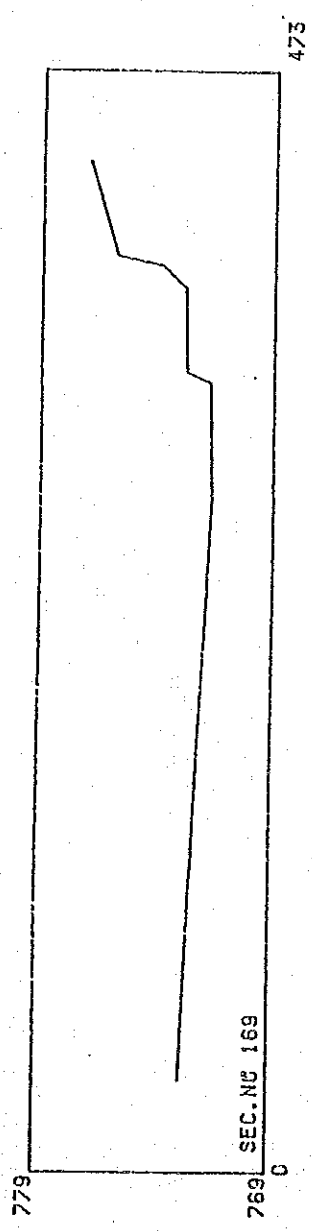
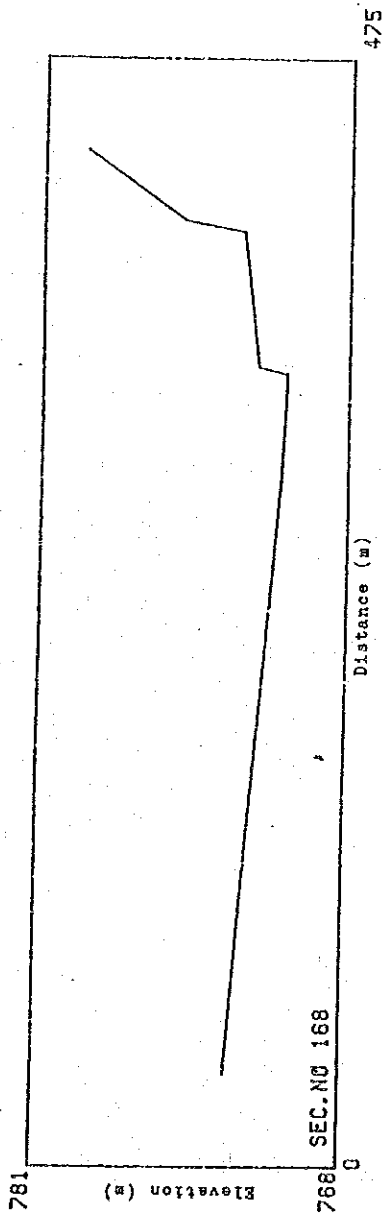


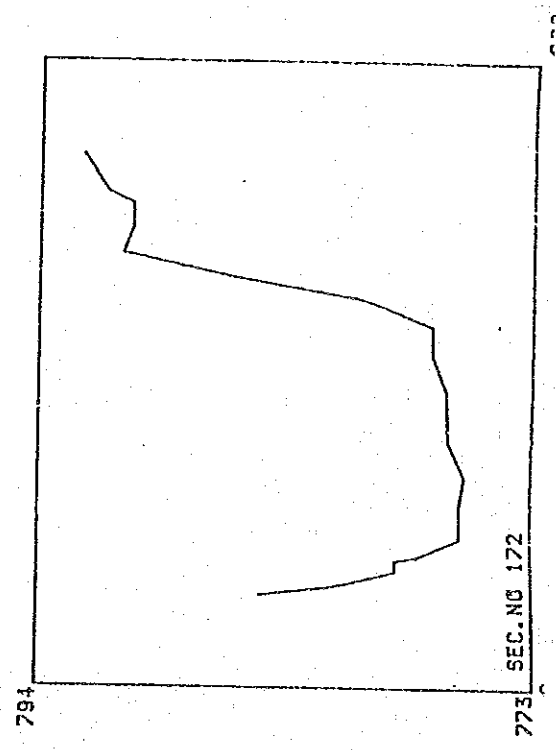
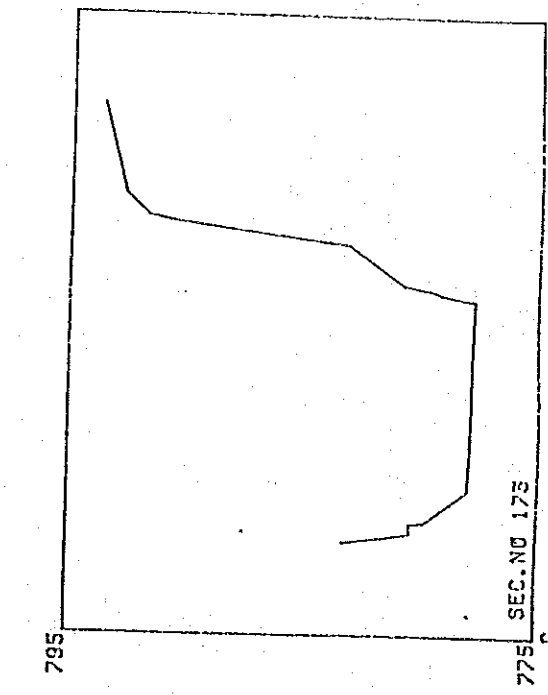
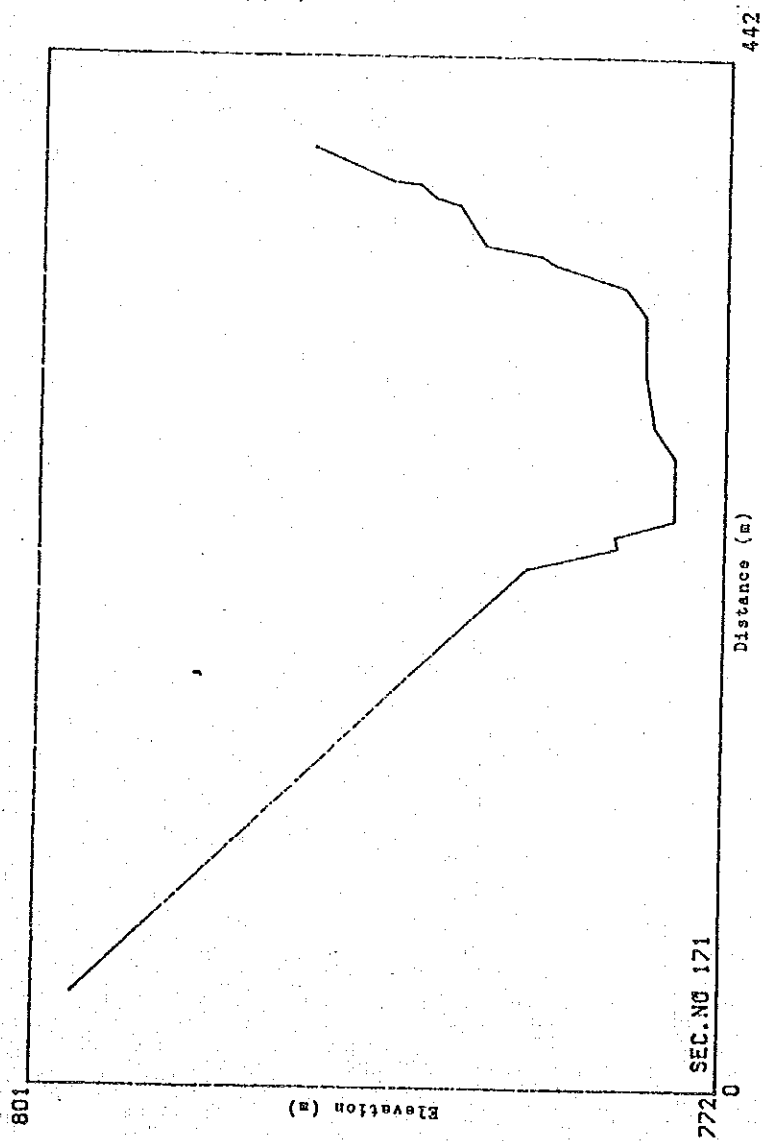


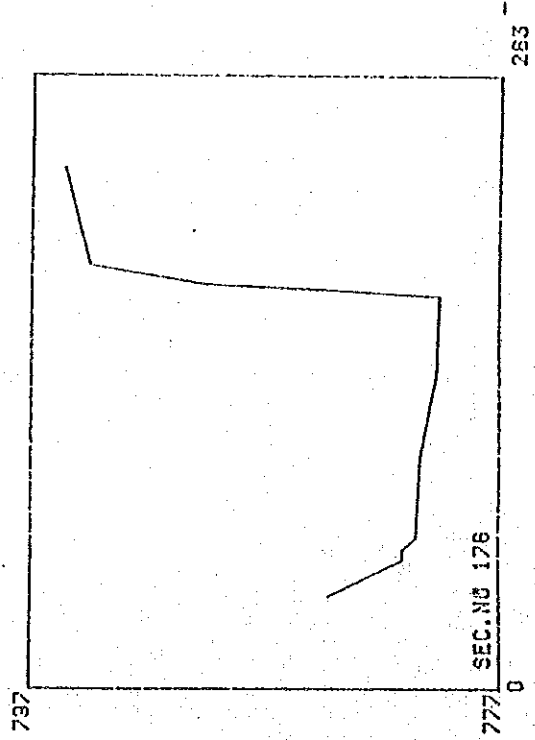
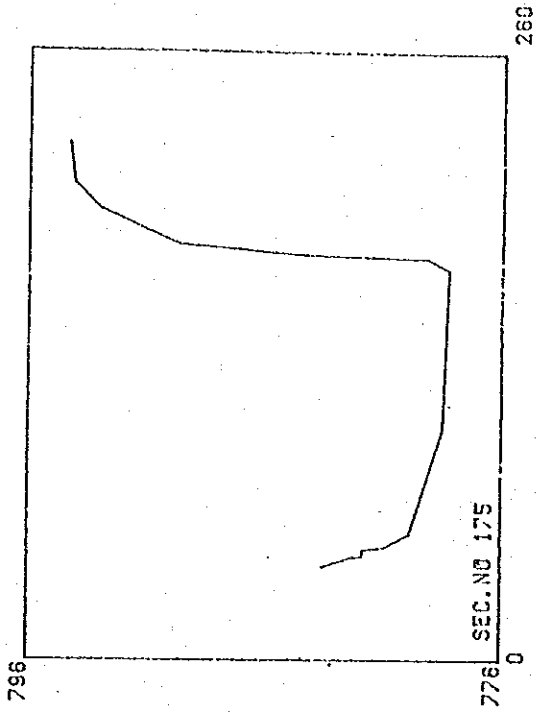
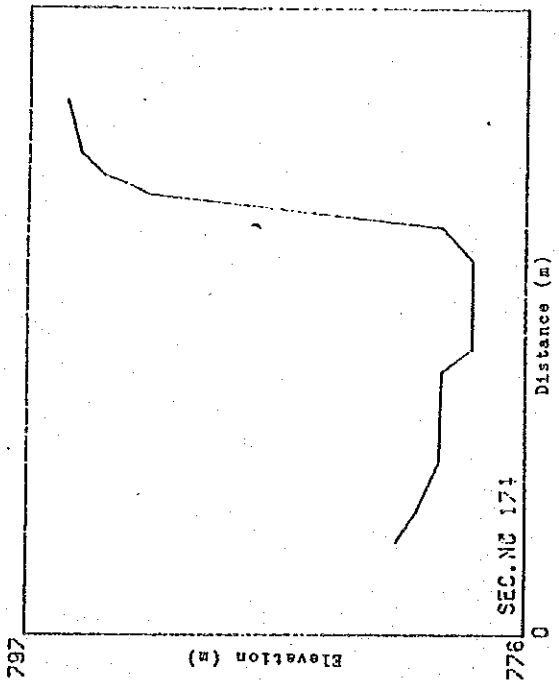




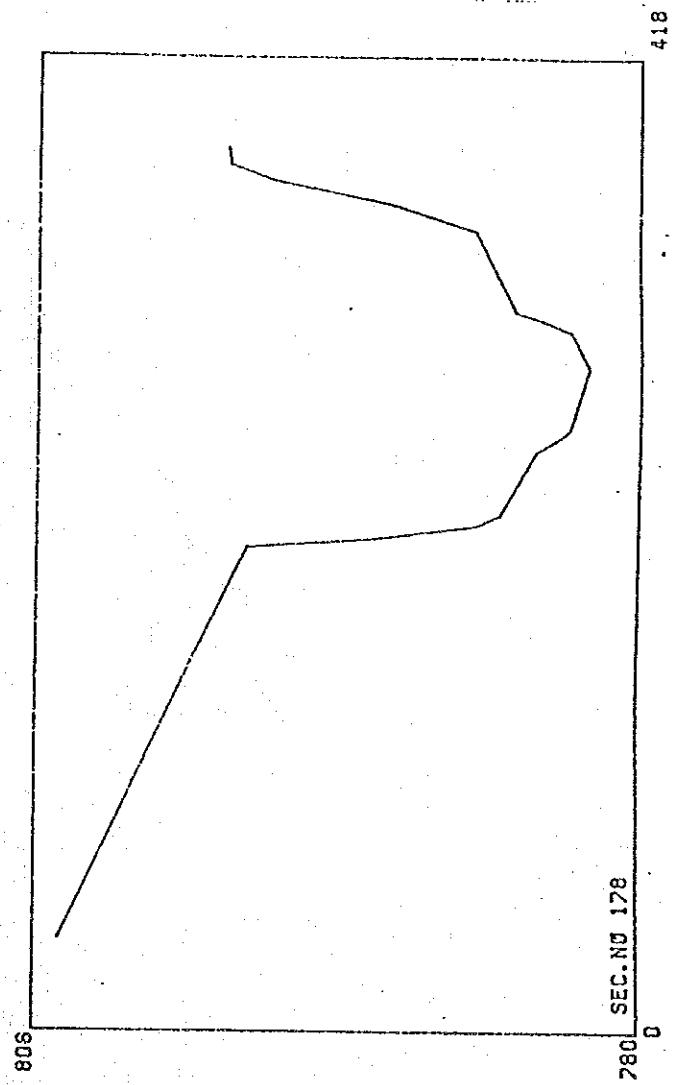
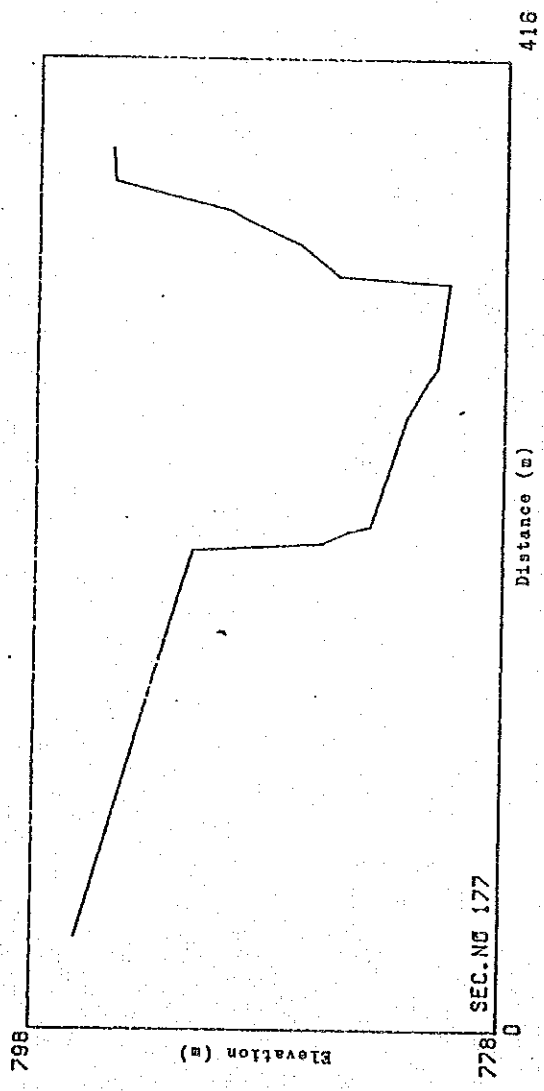


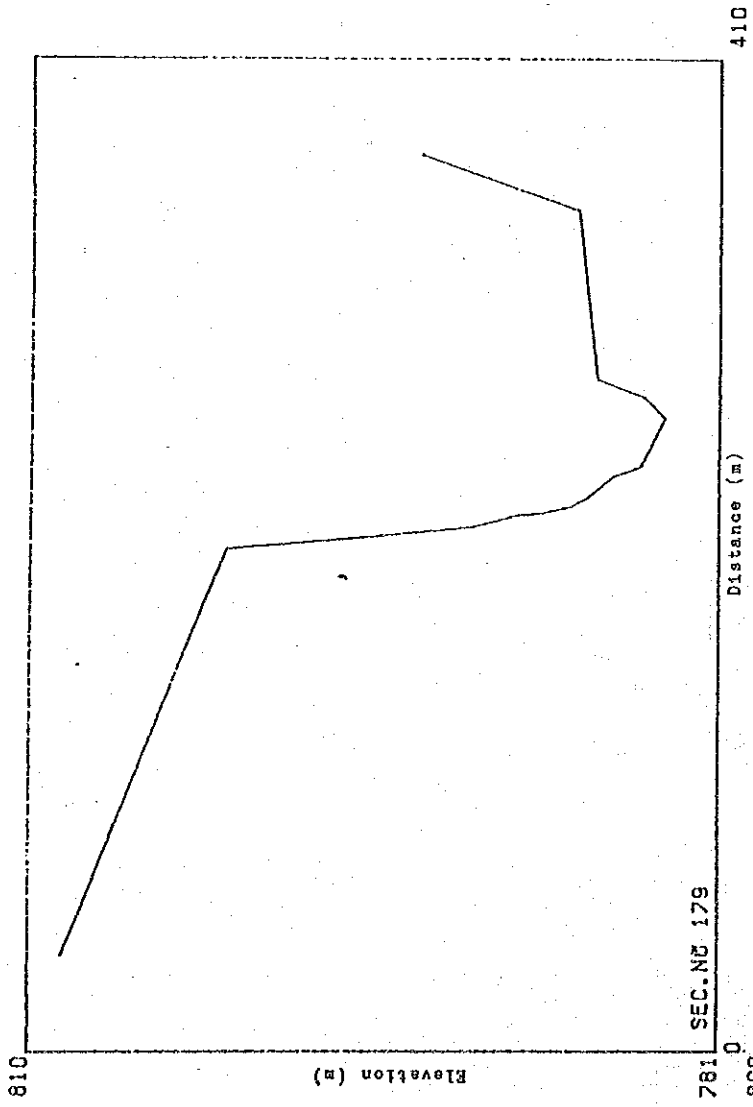


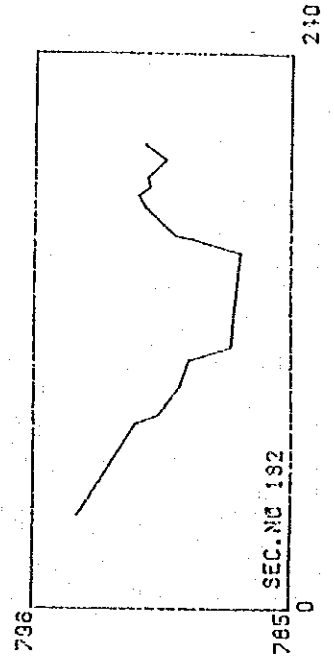
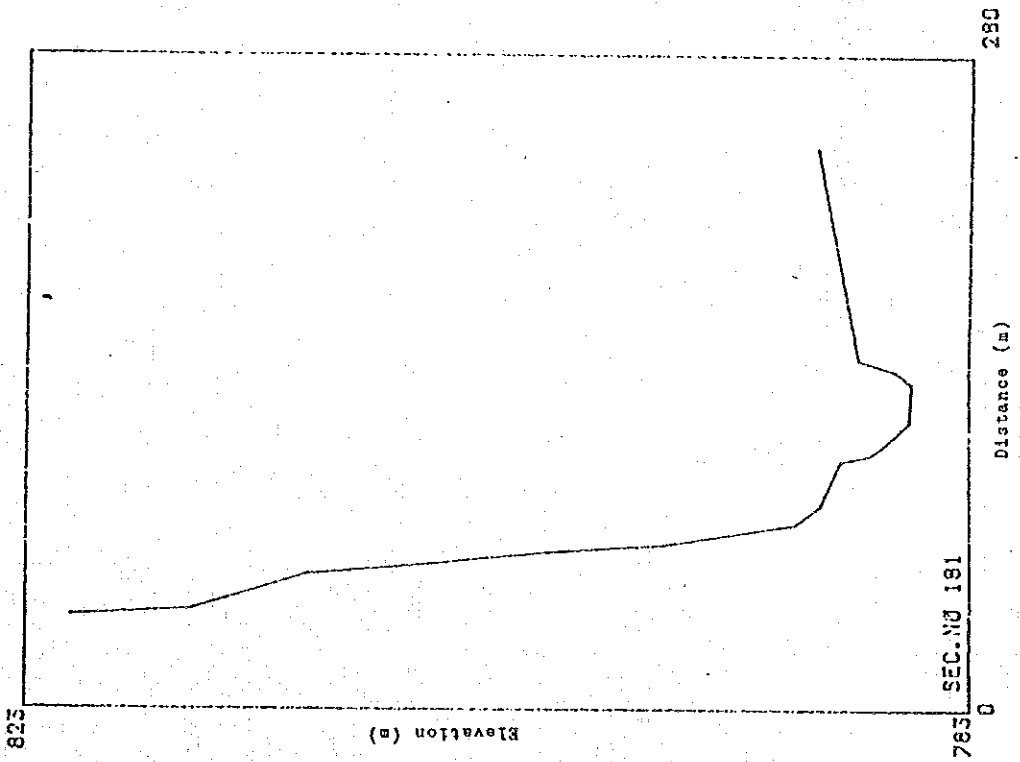


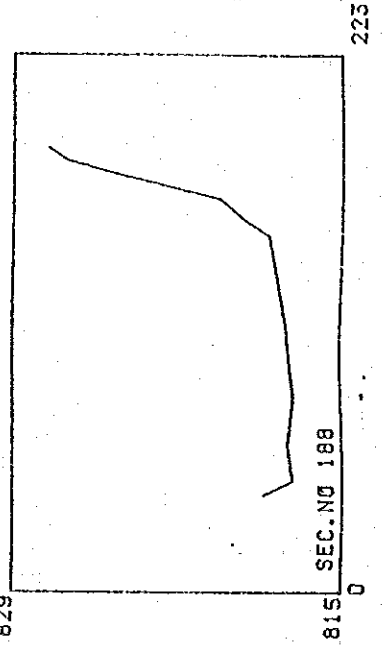
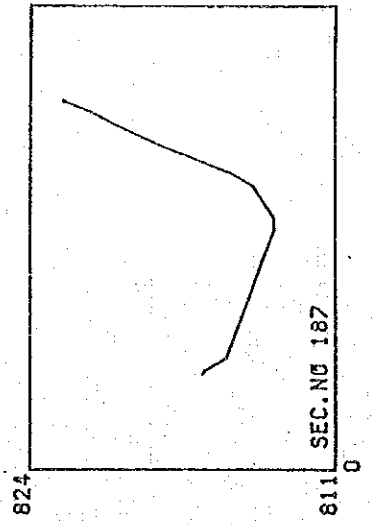
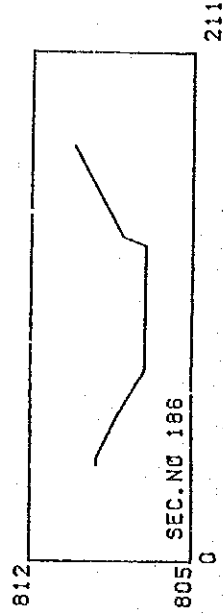
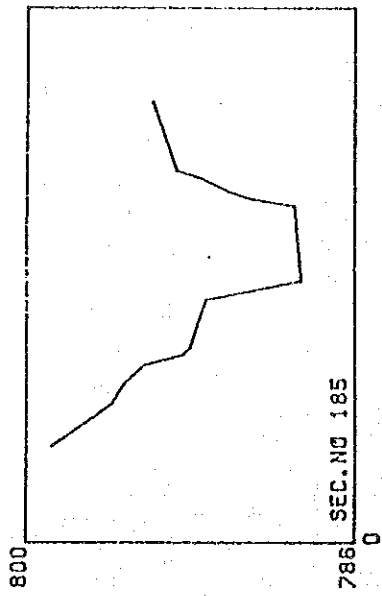
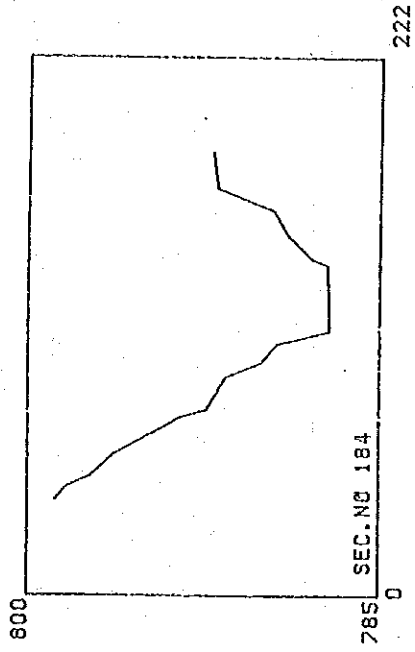
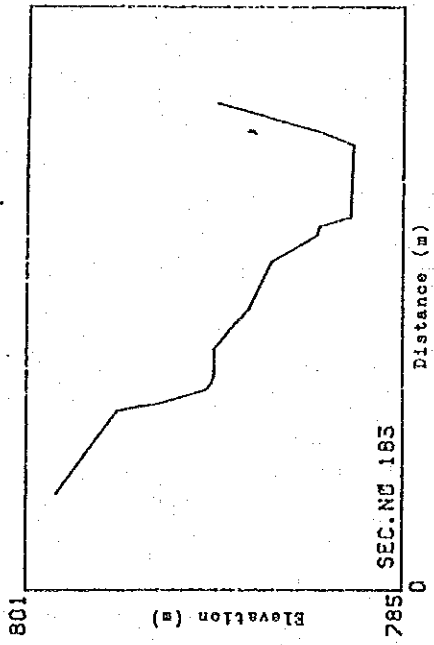


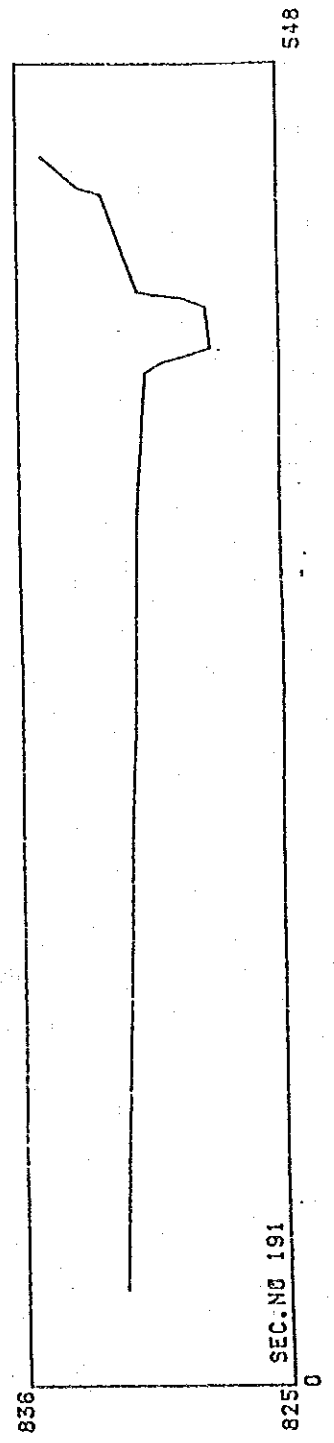
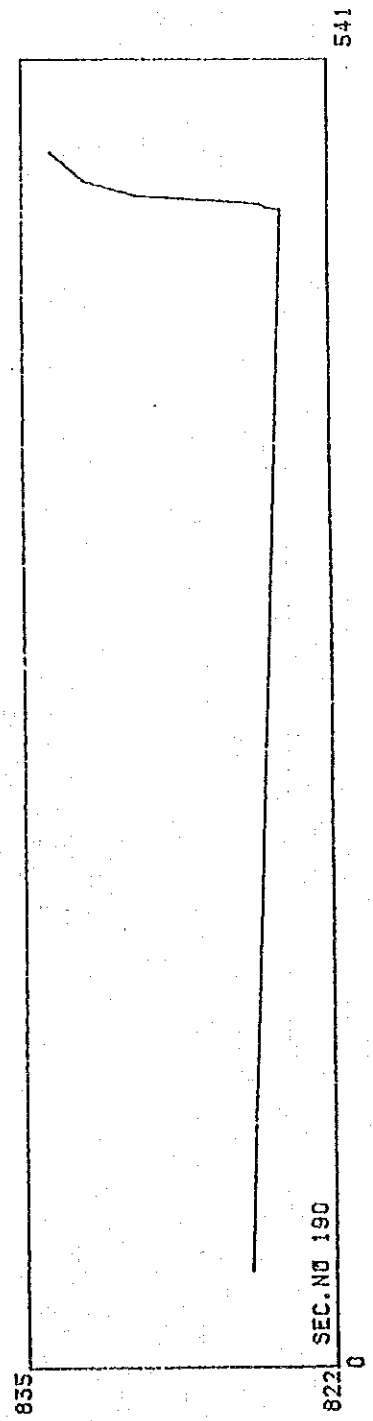
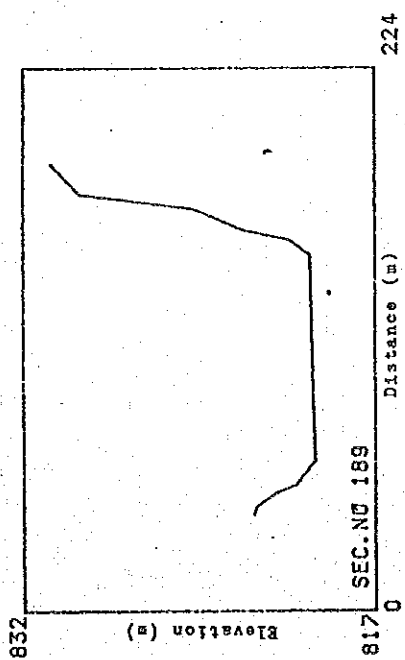


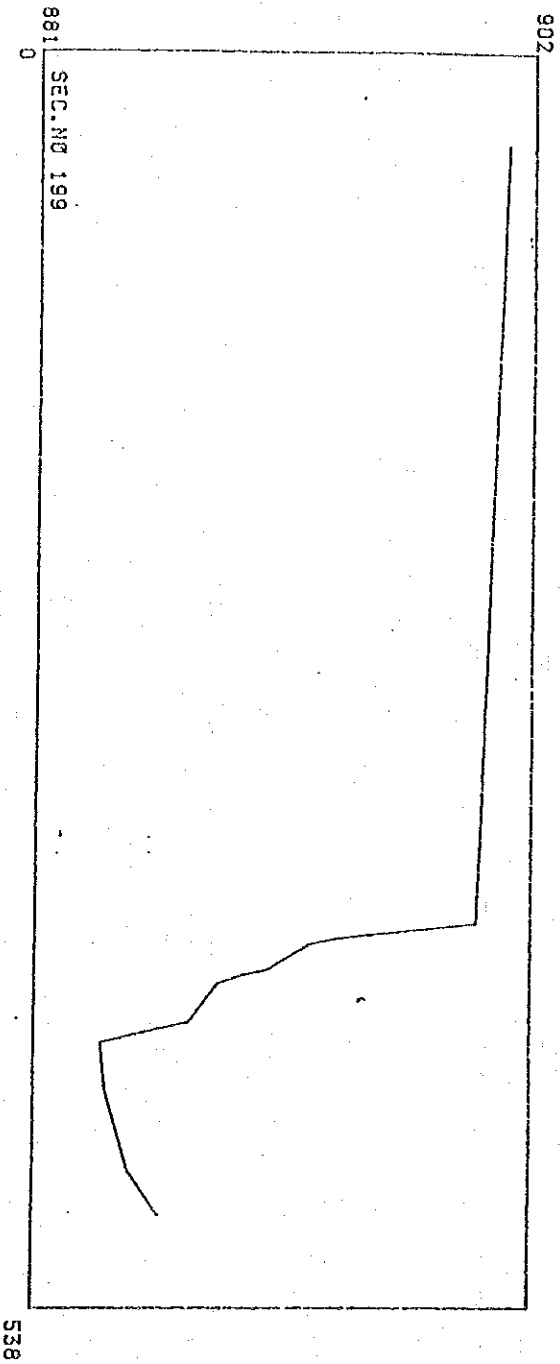
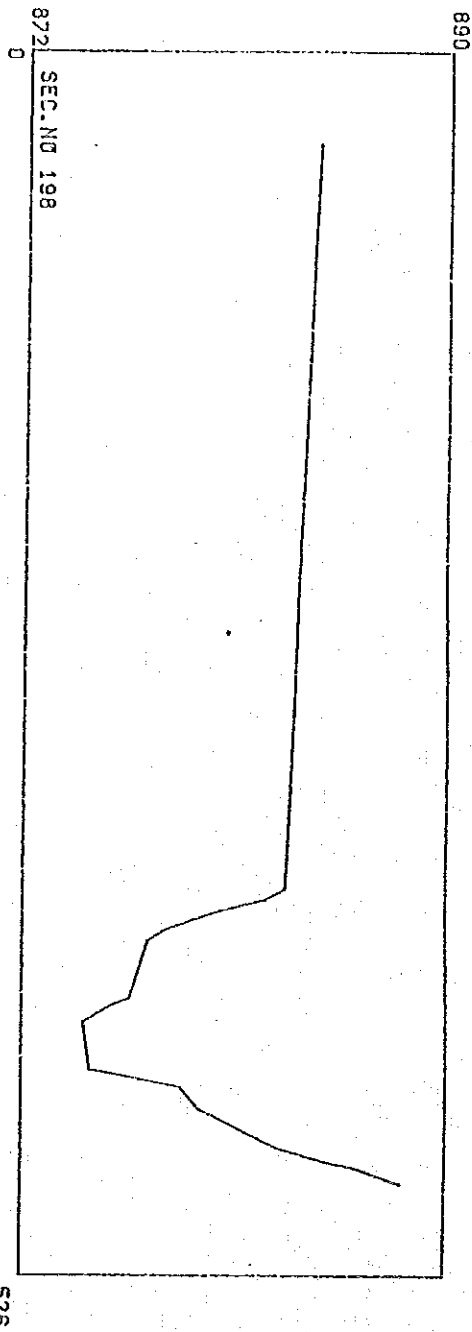
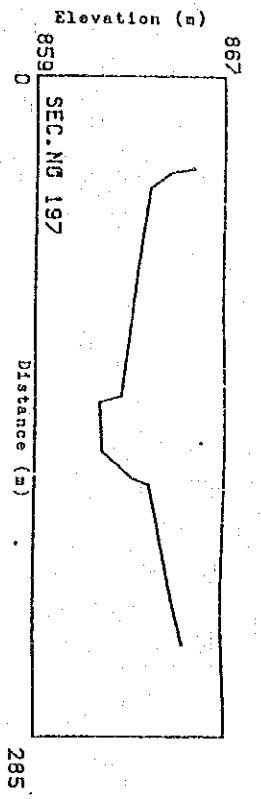


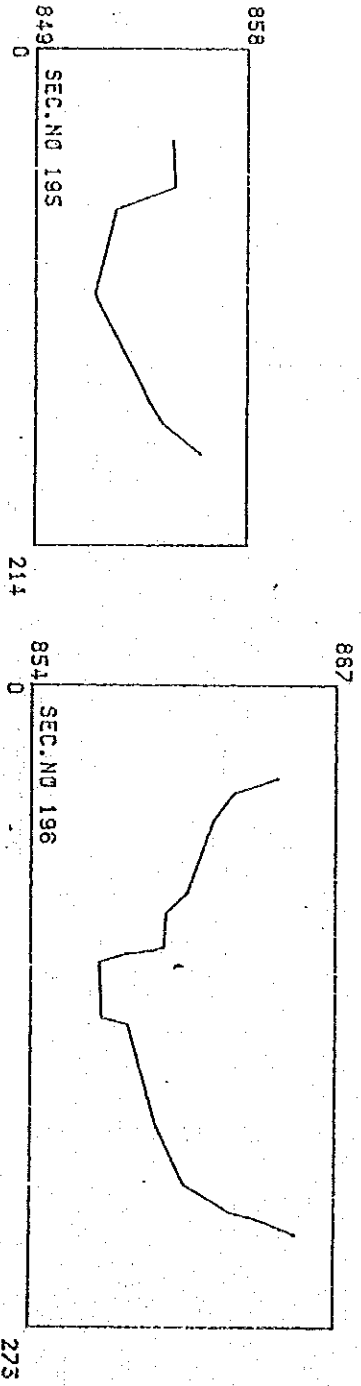
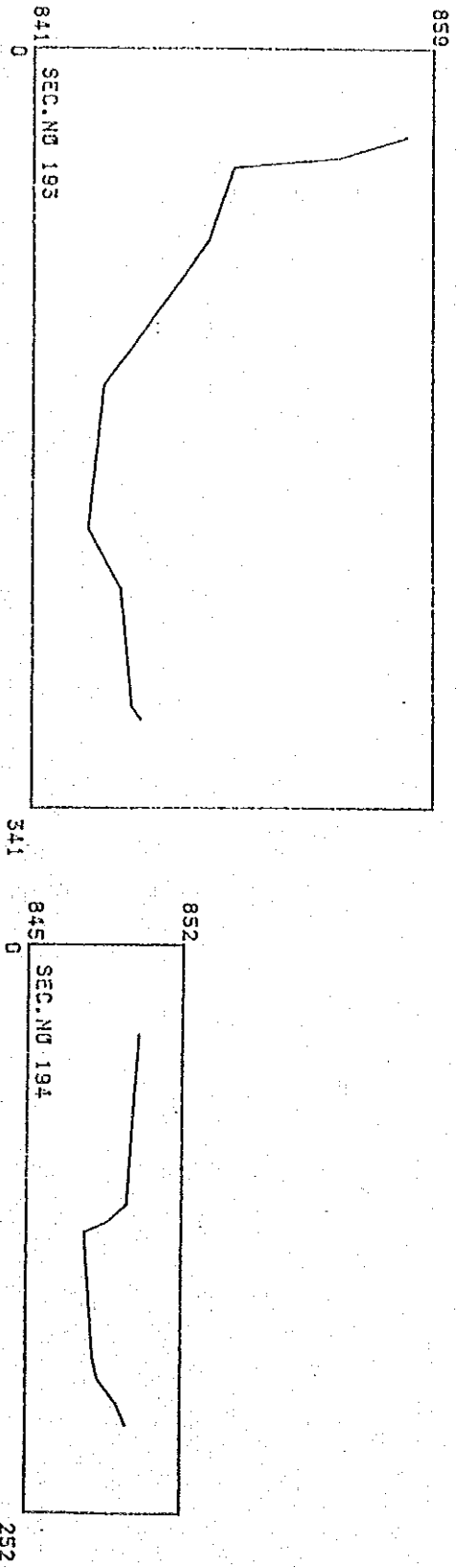
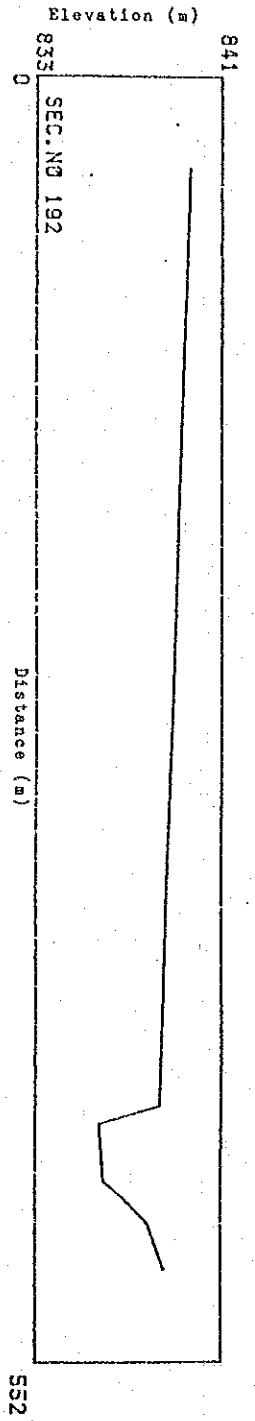


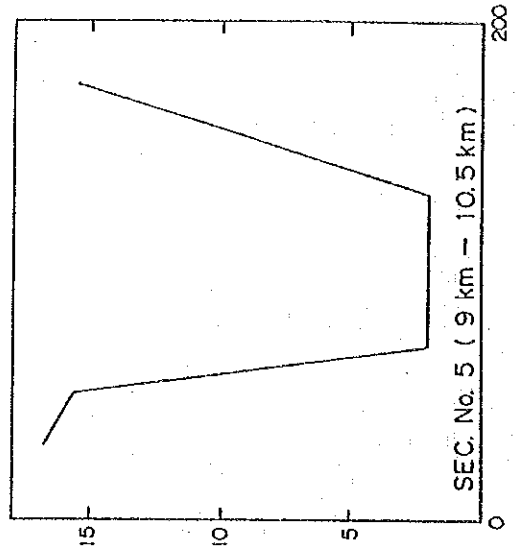
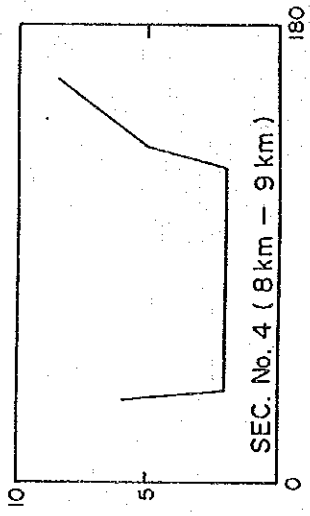
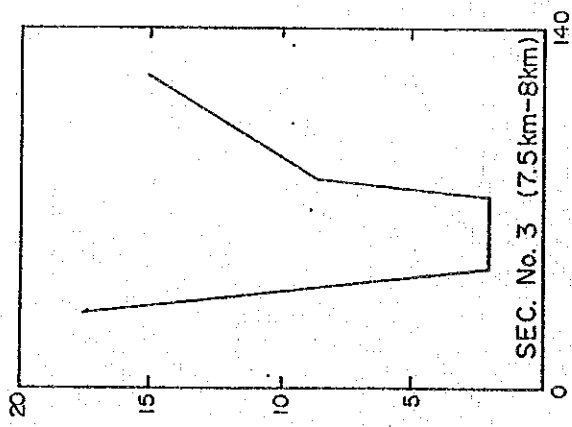
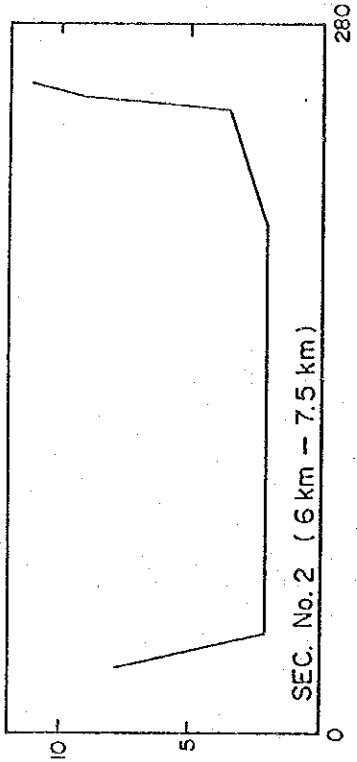
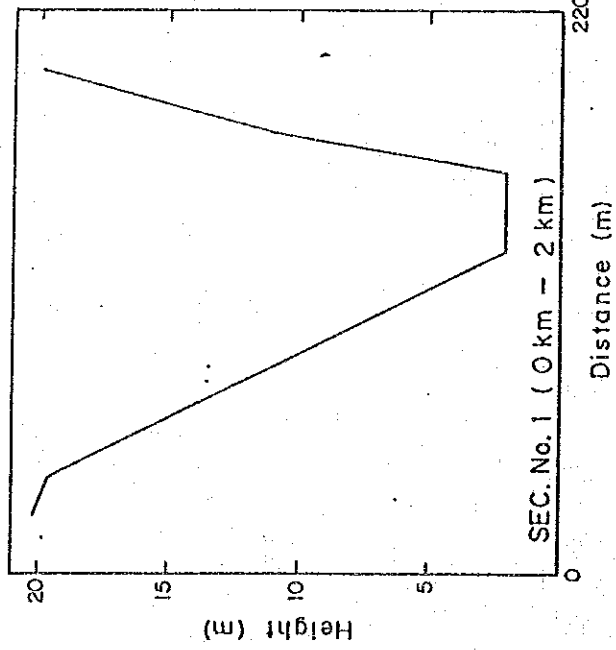








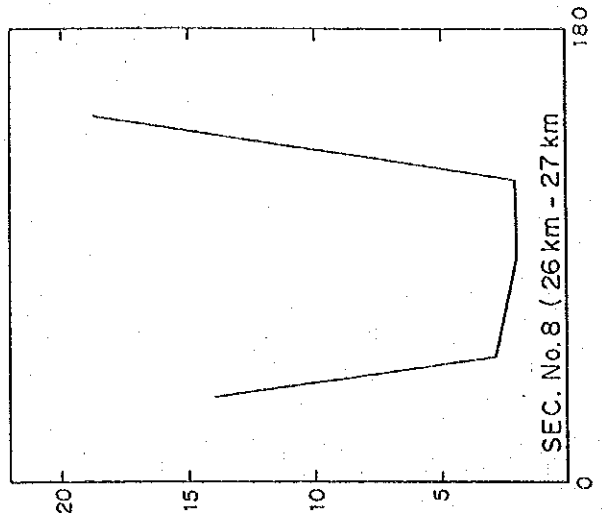
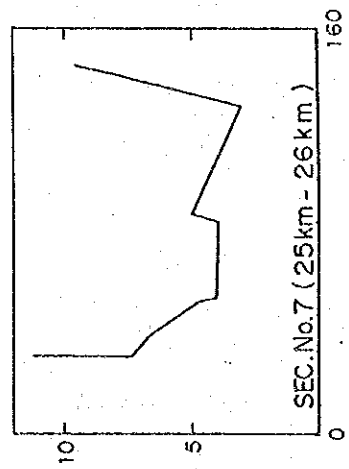
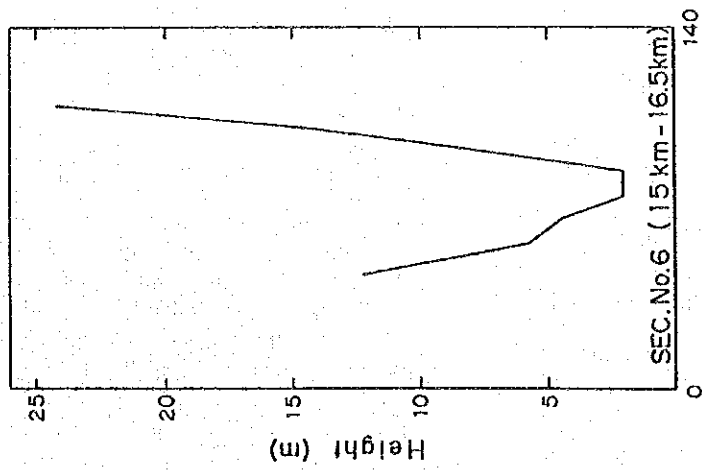




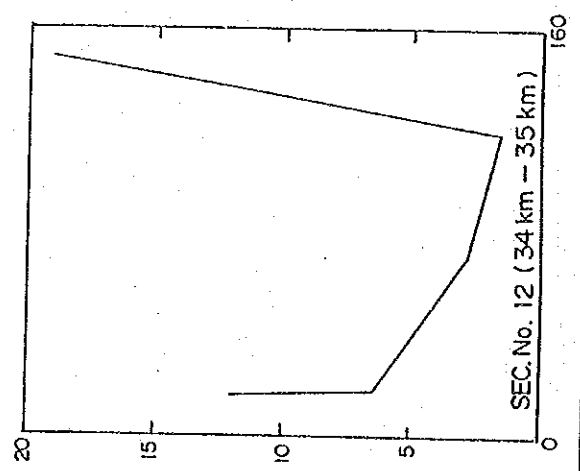
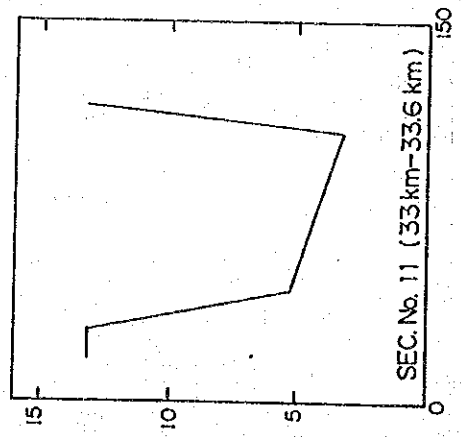
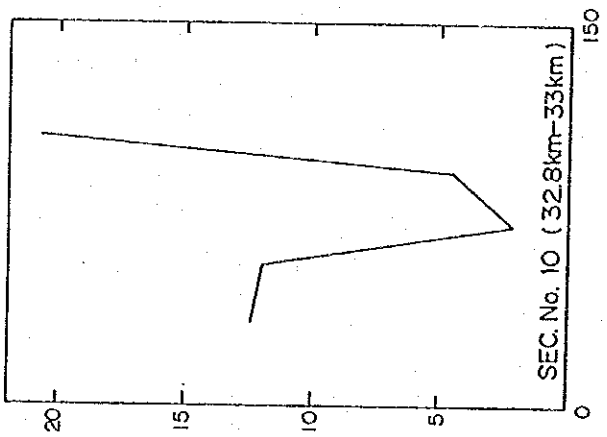
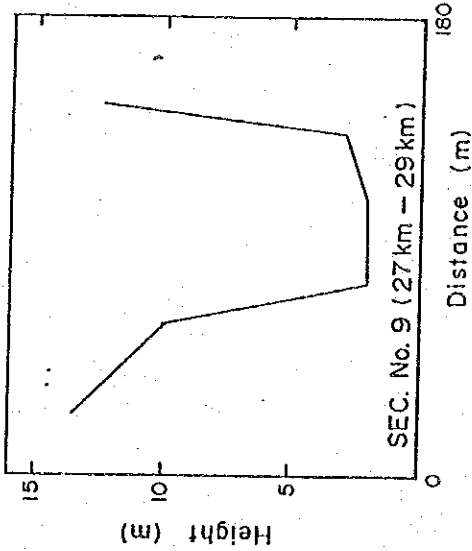
Note; (1) "0 km" means the origin of the river stretch at Pre. Ricardo Palma.

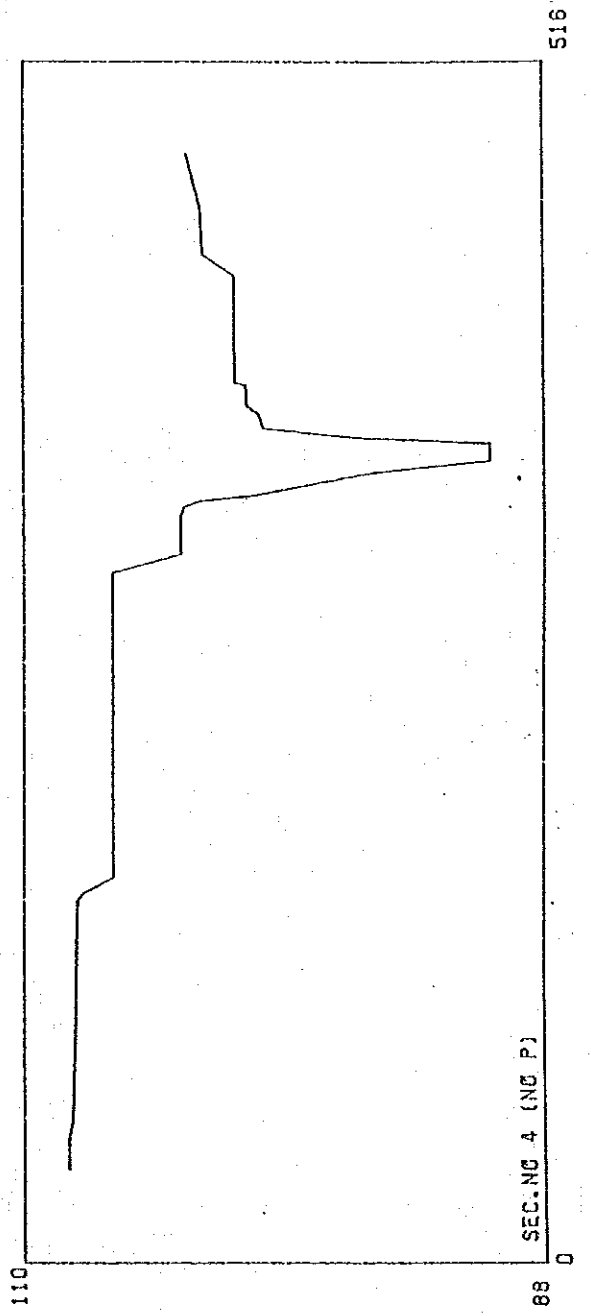
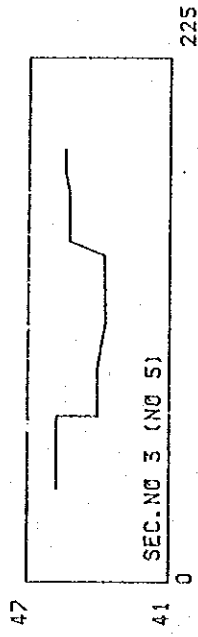
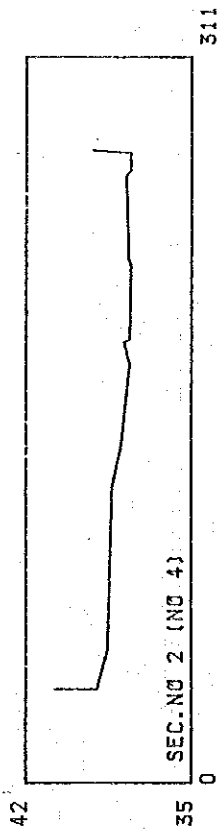
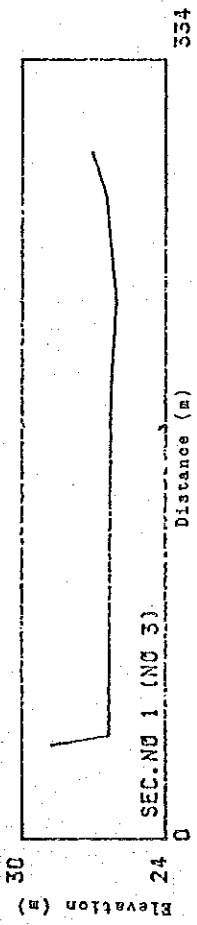
(2) Figures in parenthesis means distance of the river stretch in which the cross section shown herein is applicable.

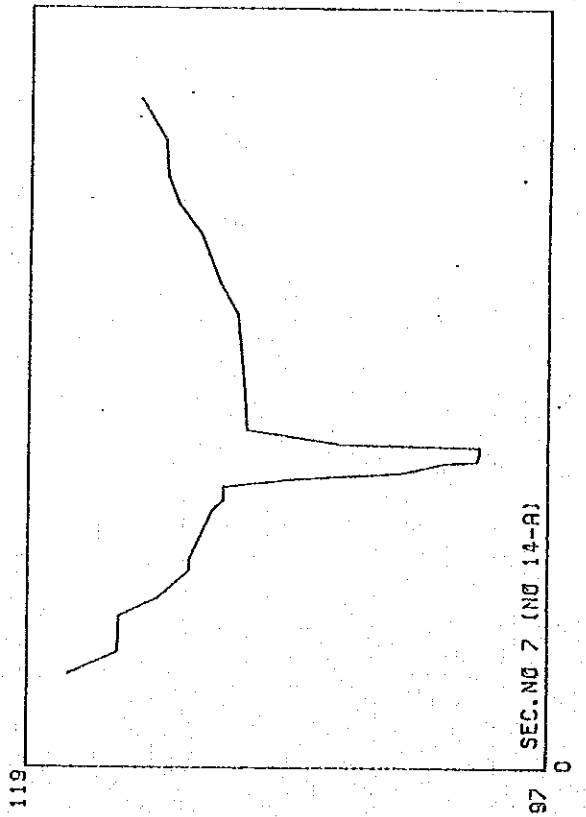
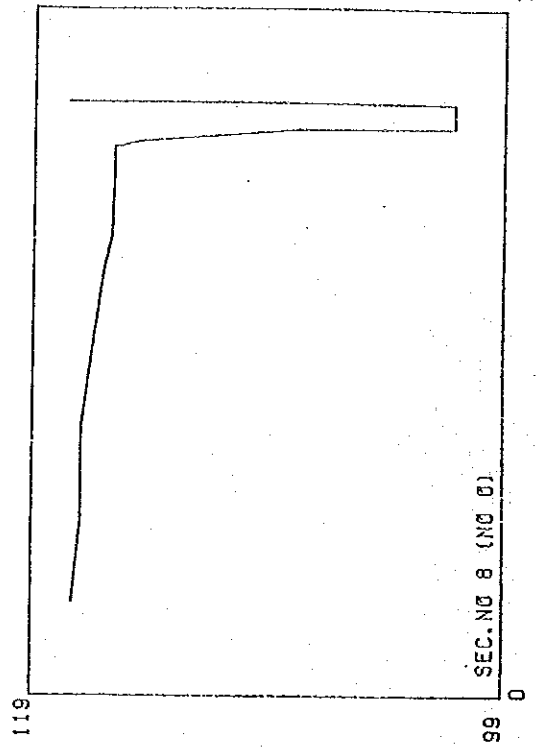
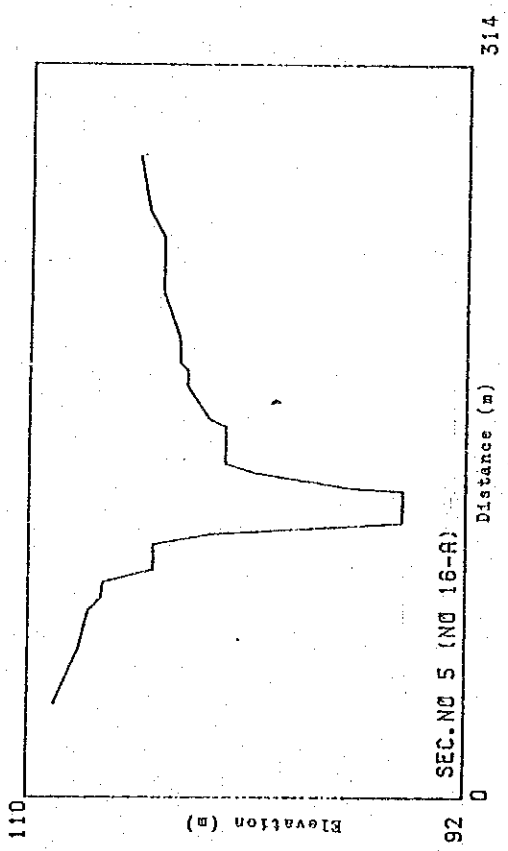
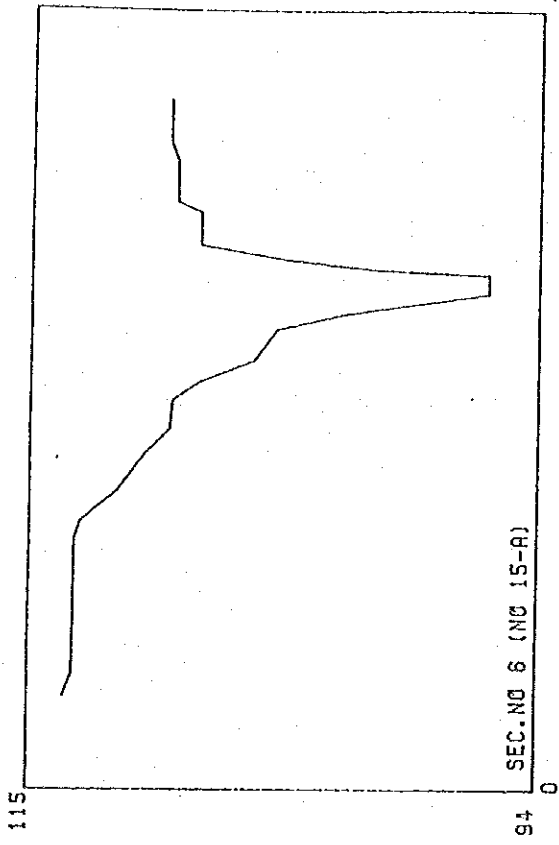


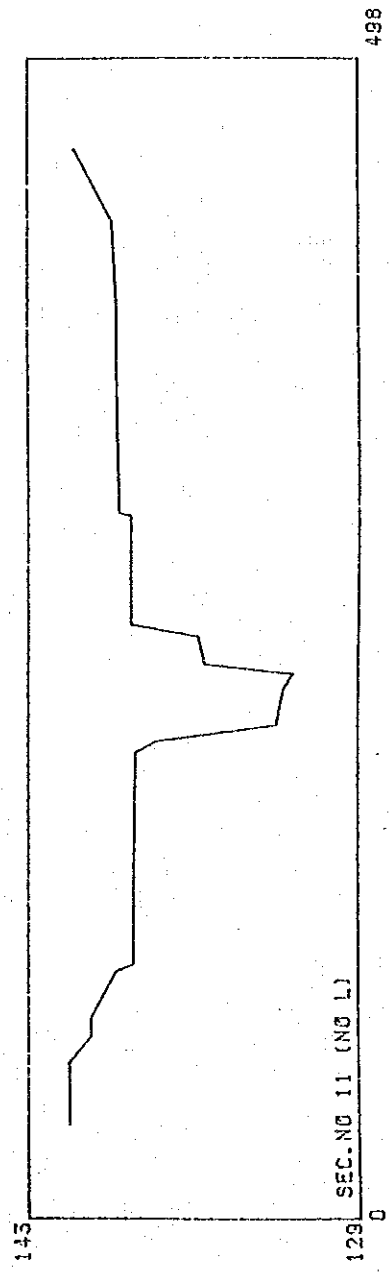
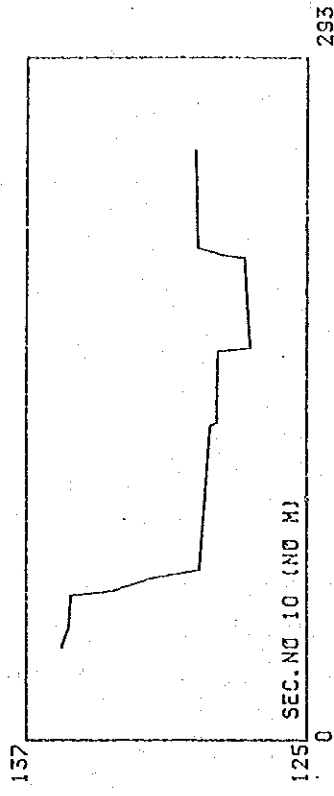
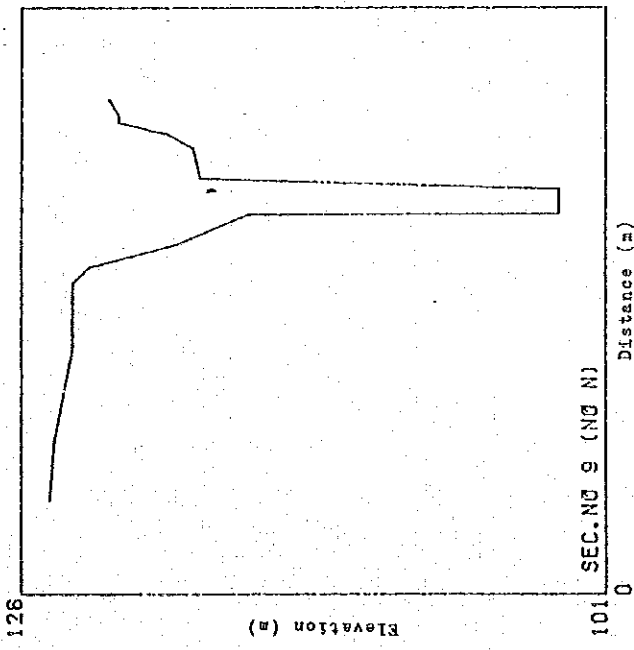


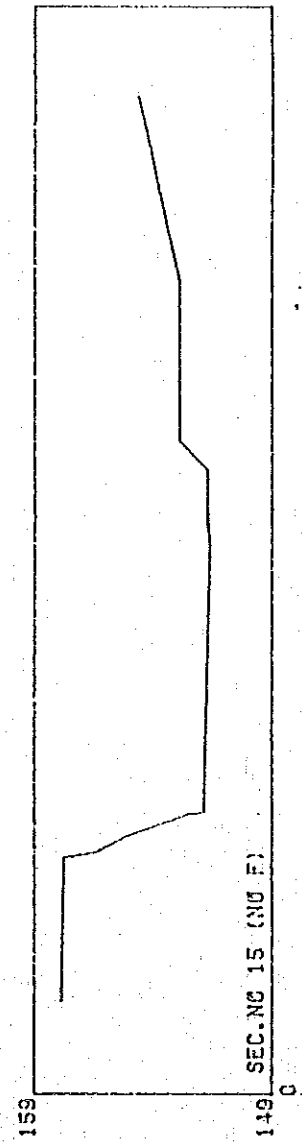
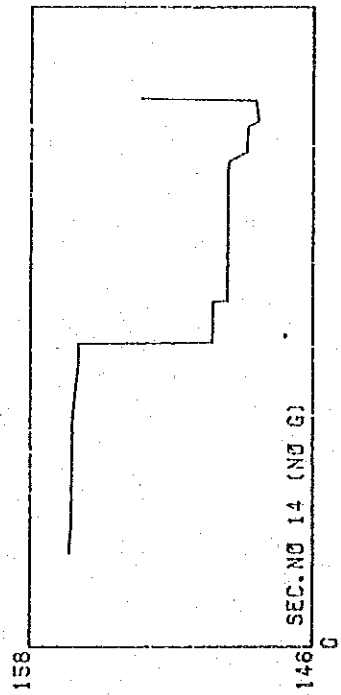
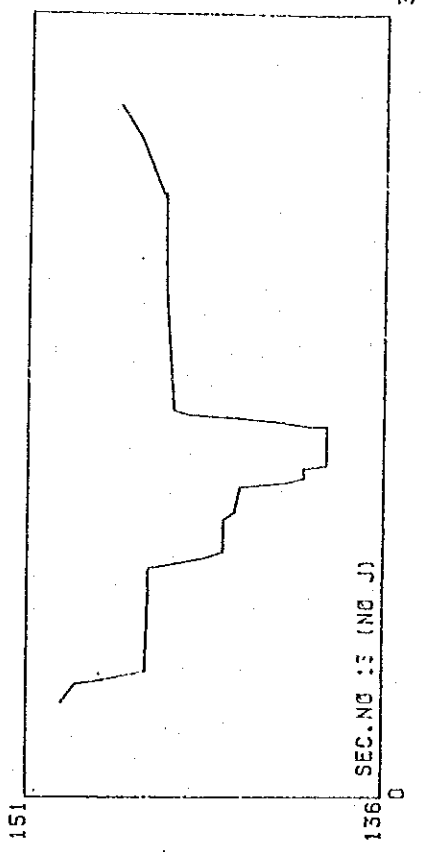
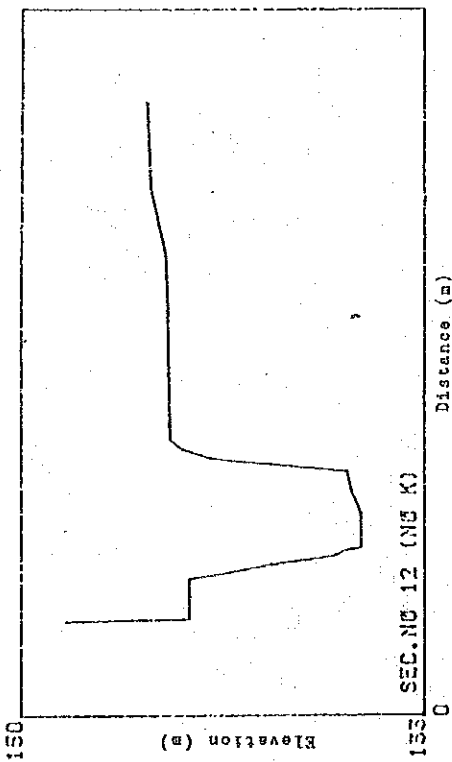
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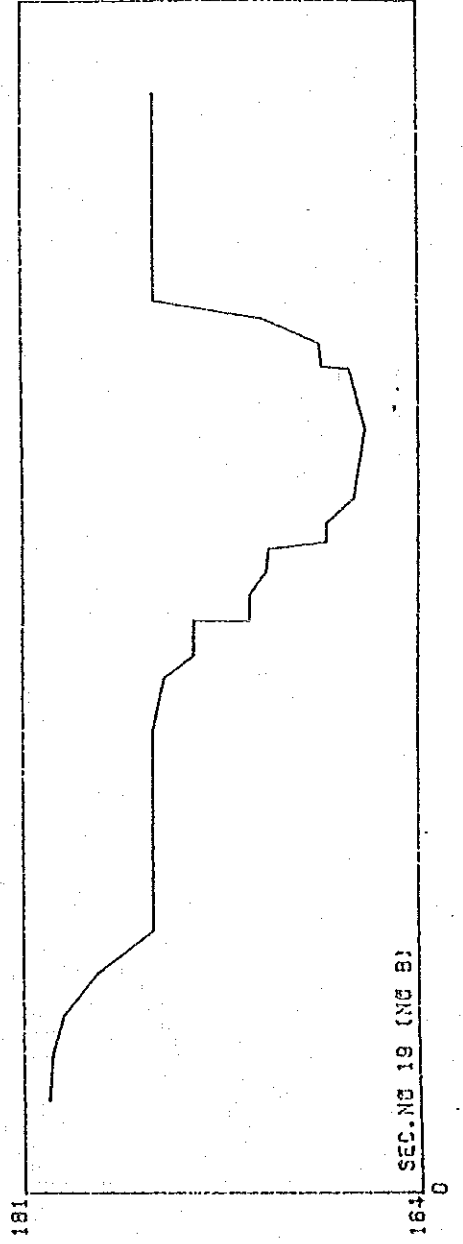
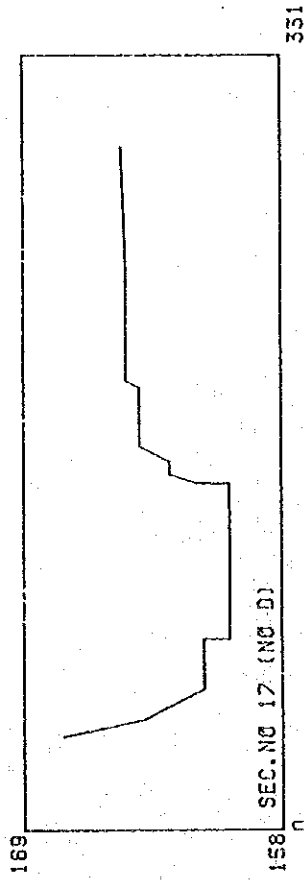
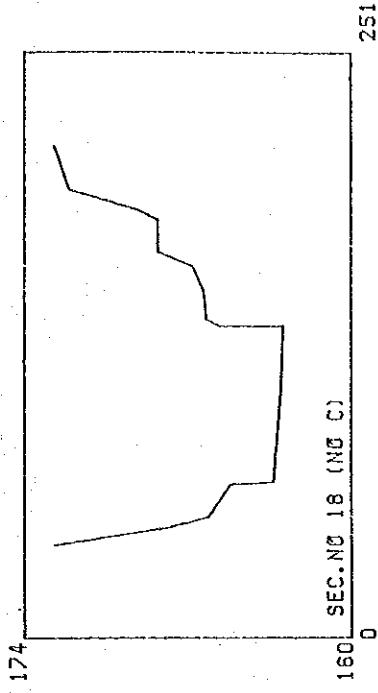
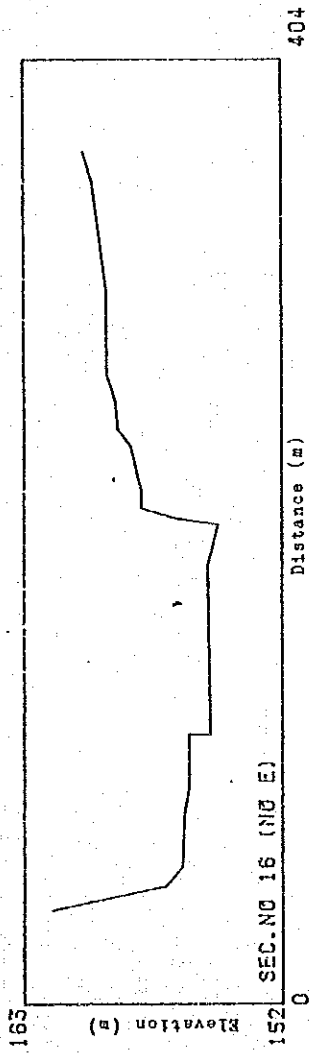


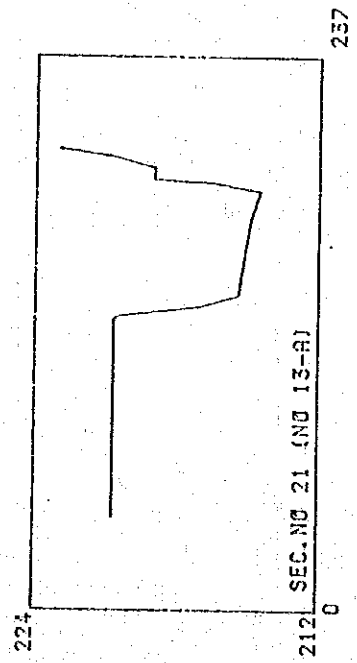
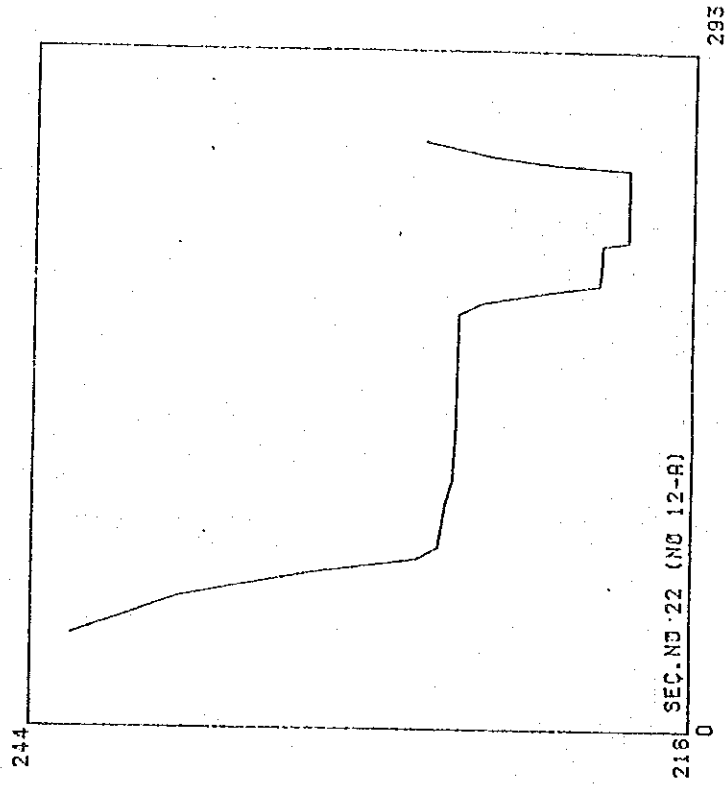
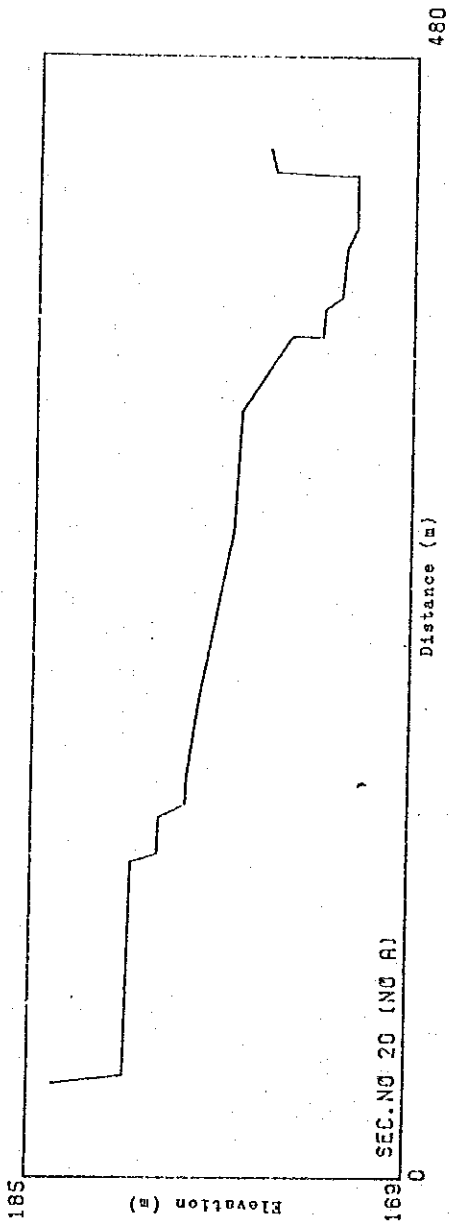




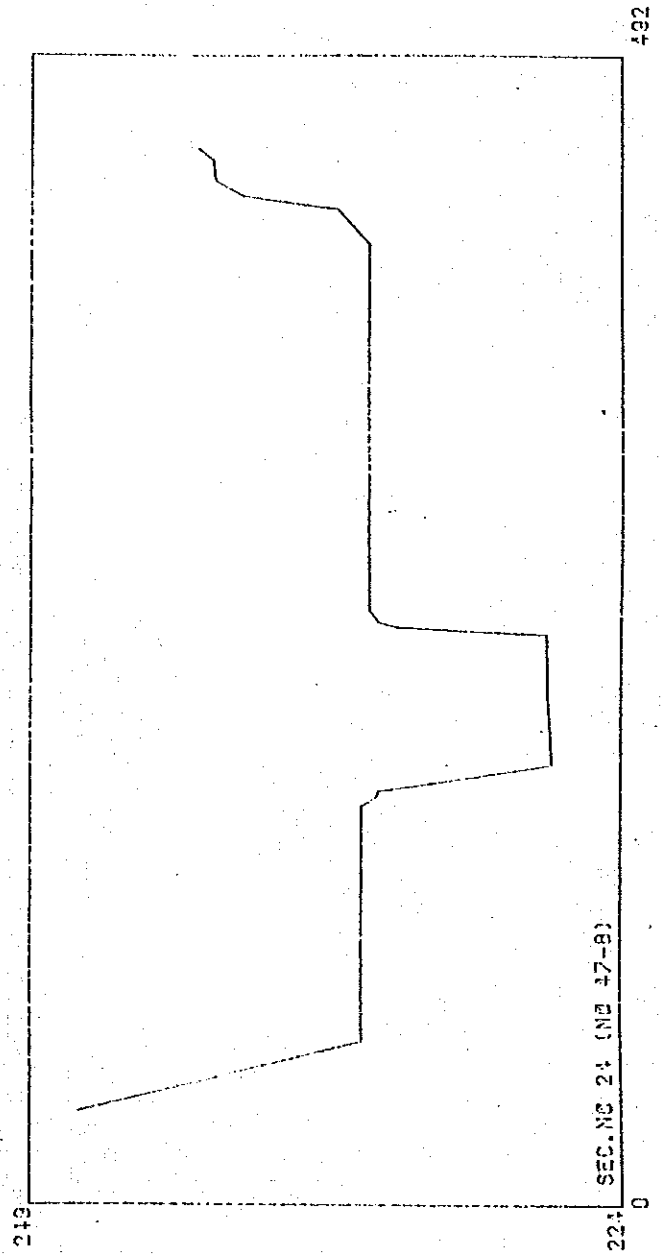
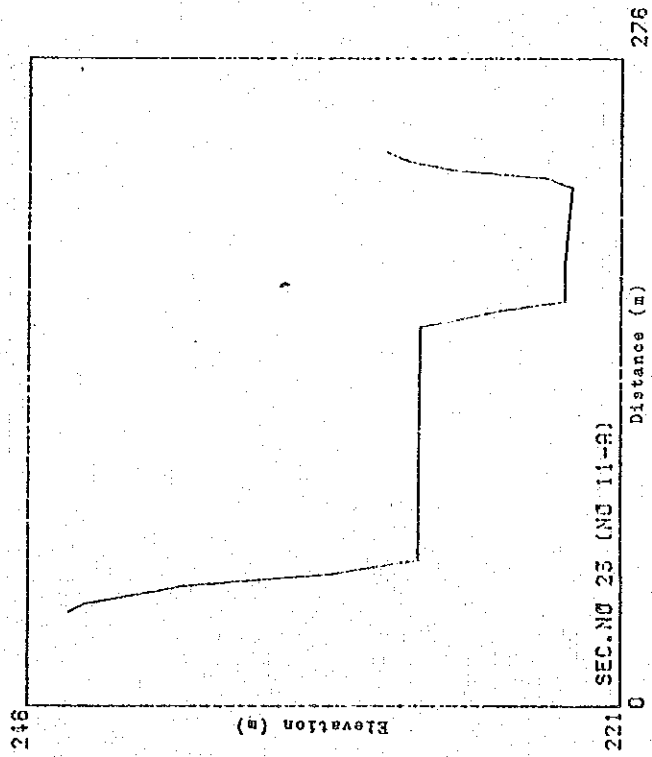


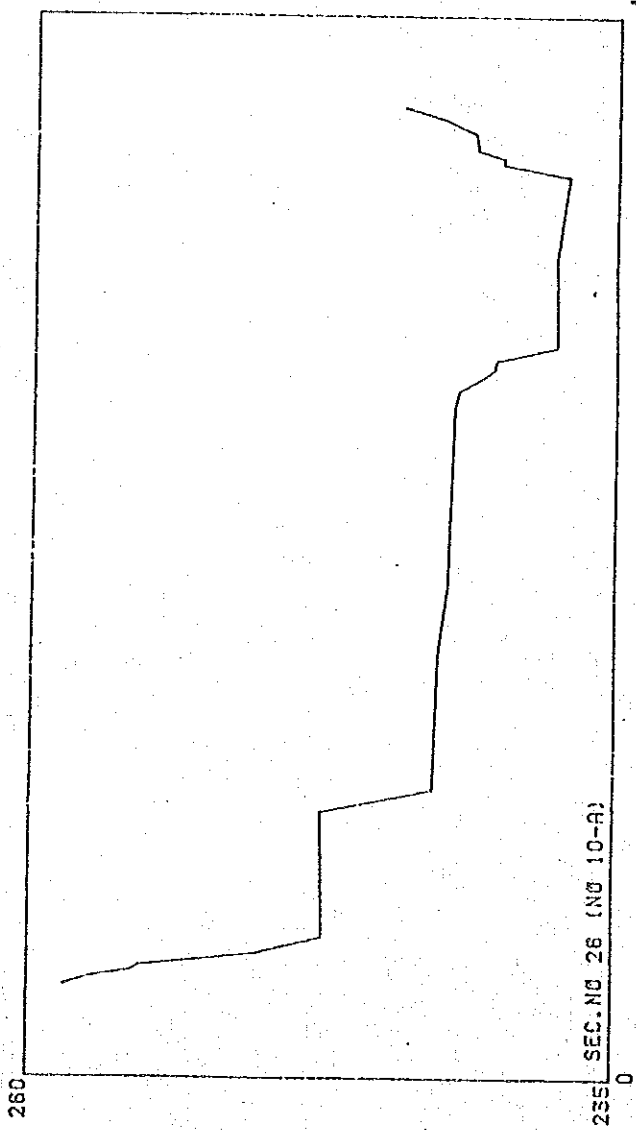
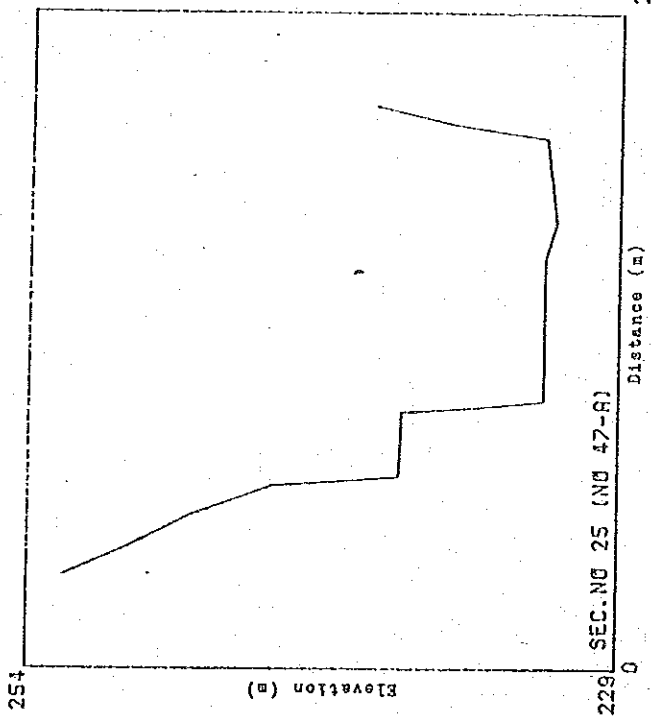




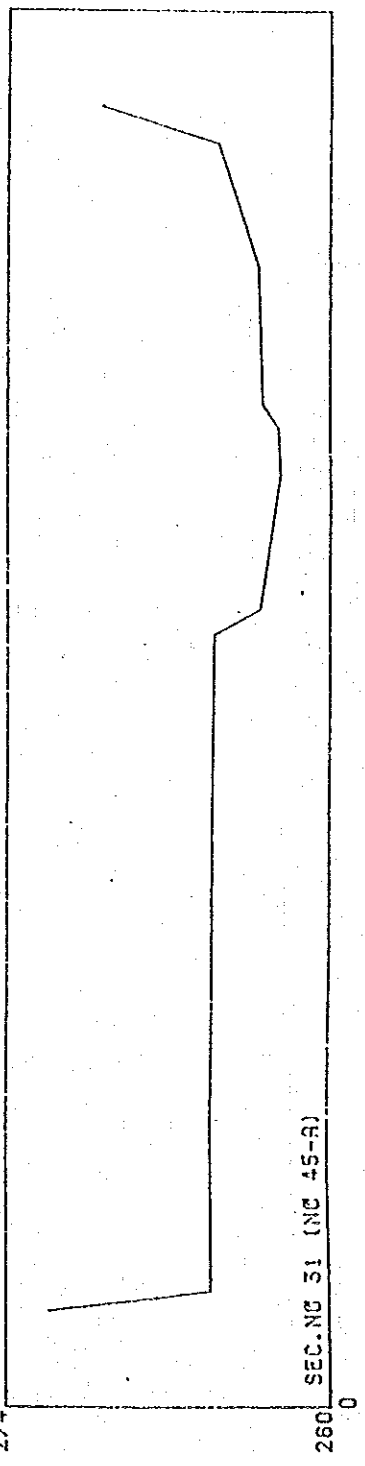
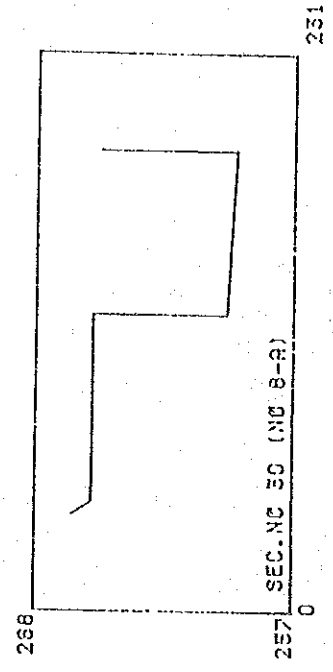
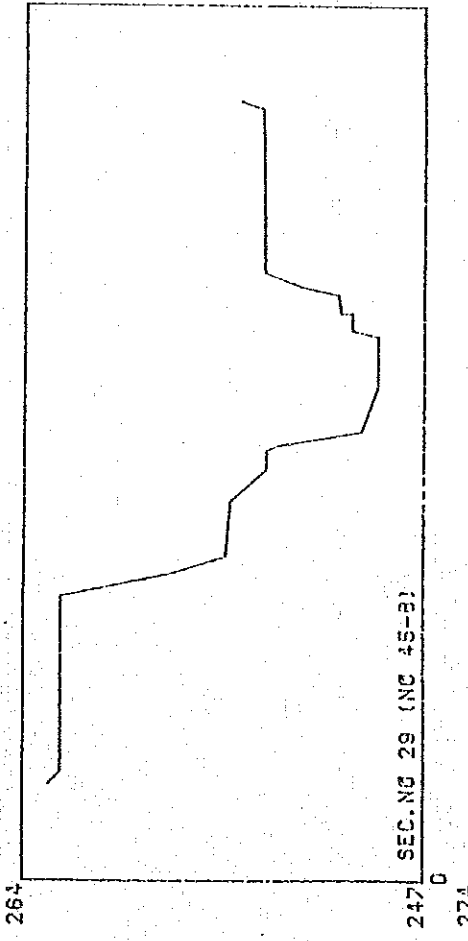
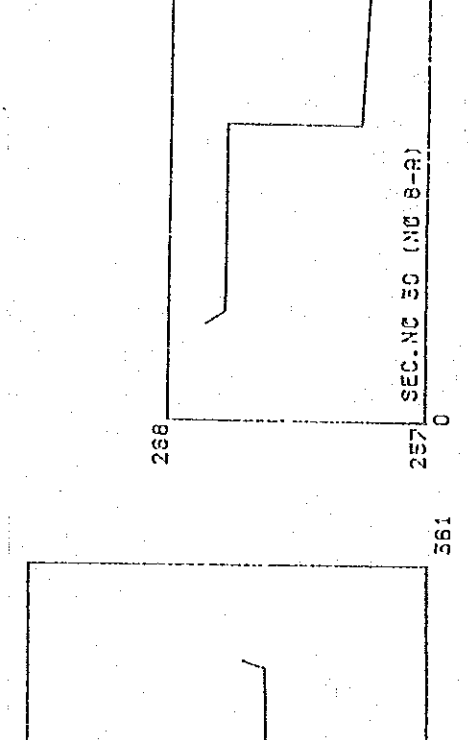
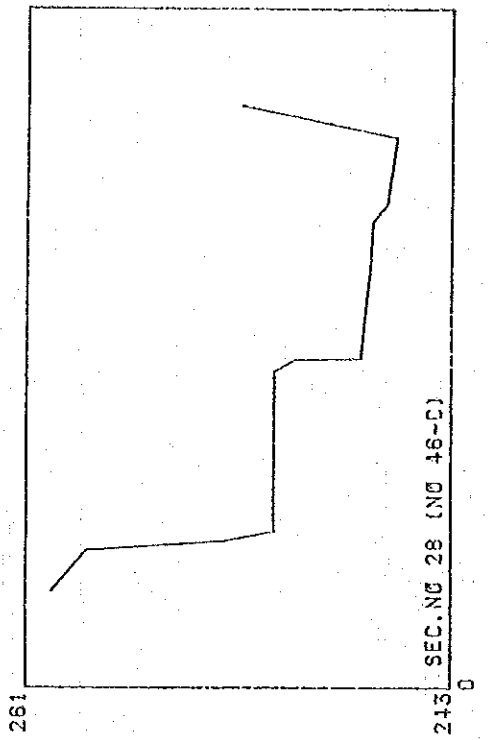


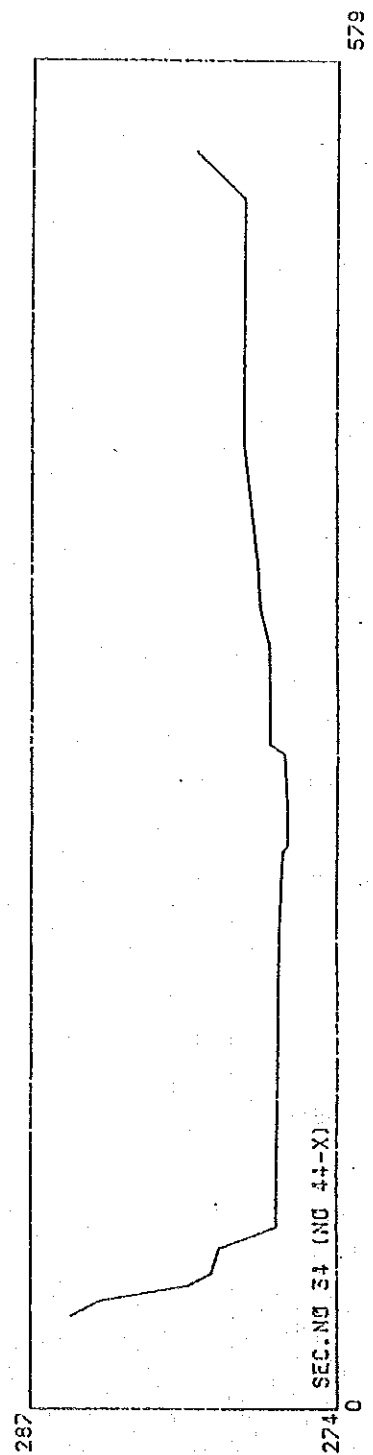
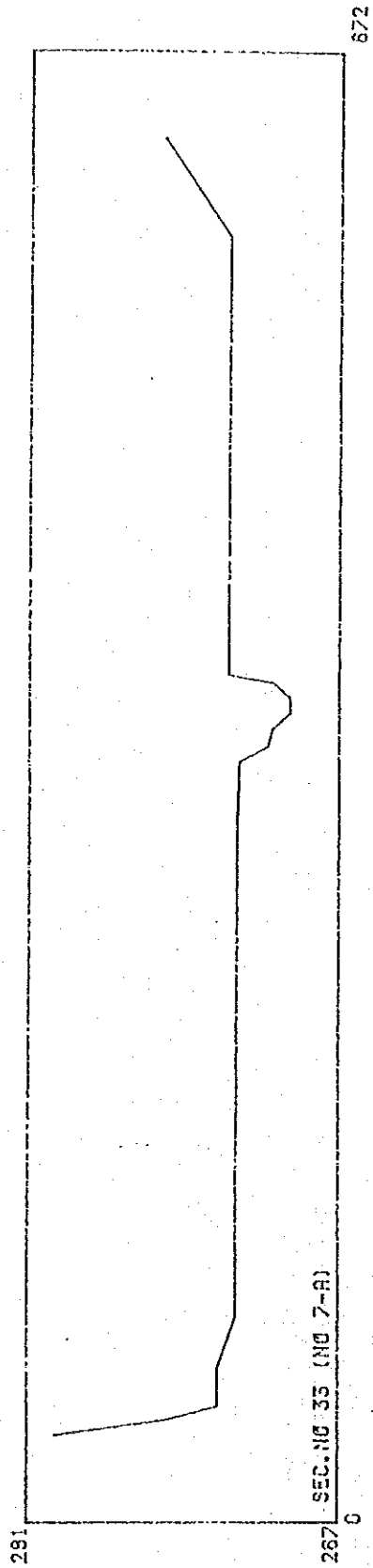
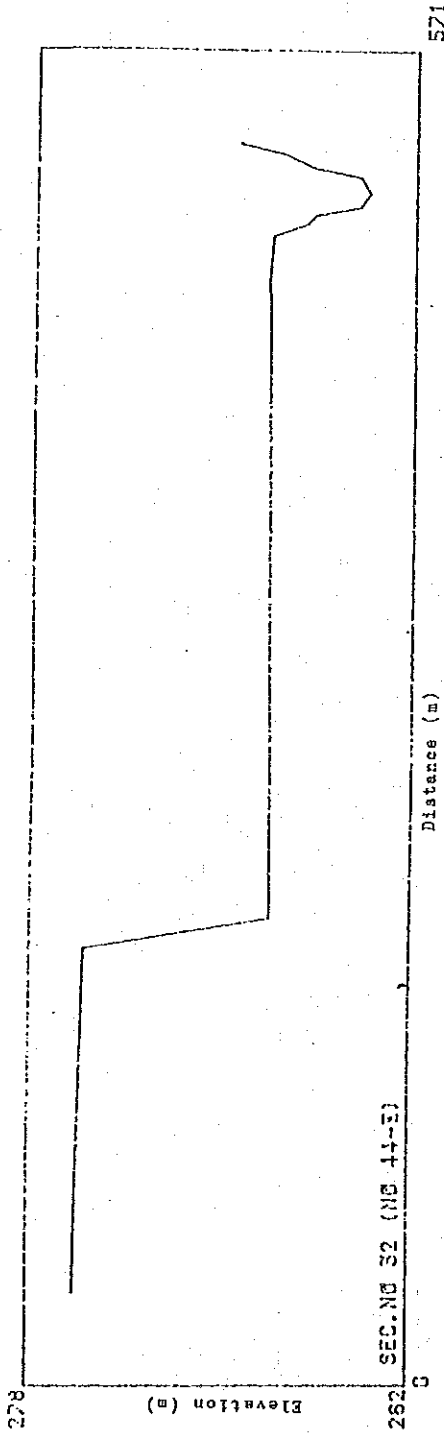


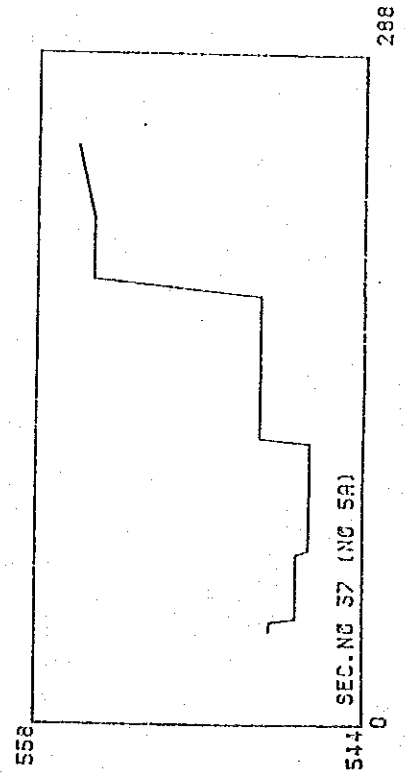
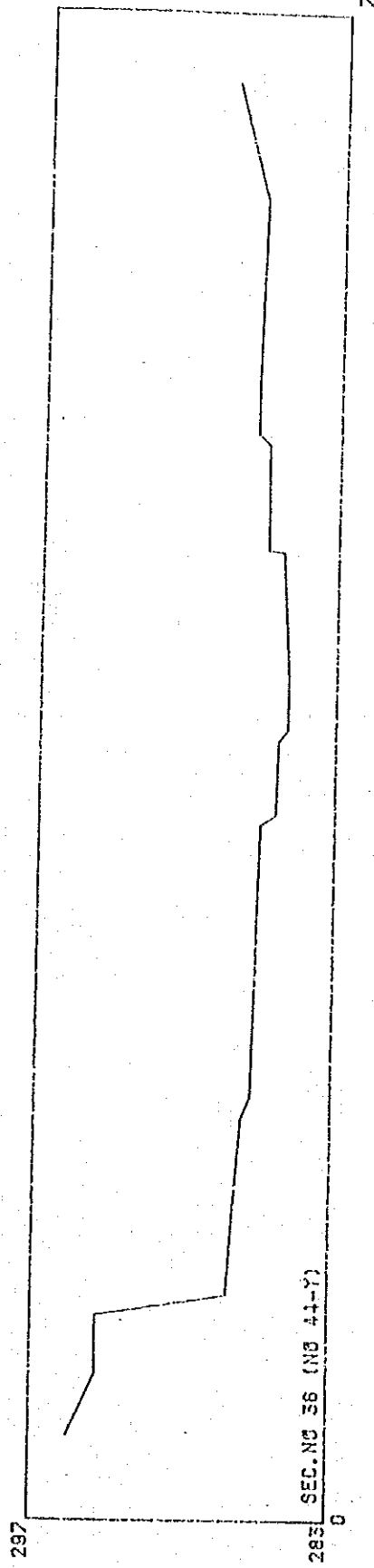
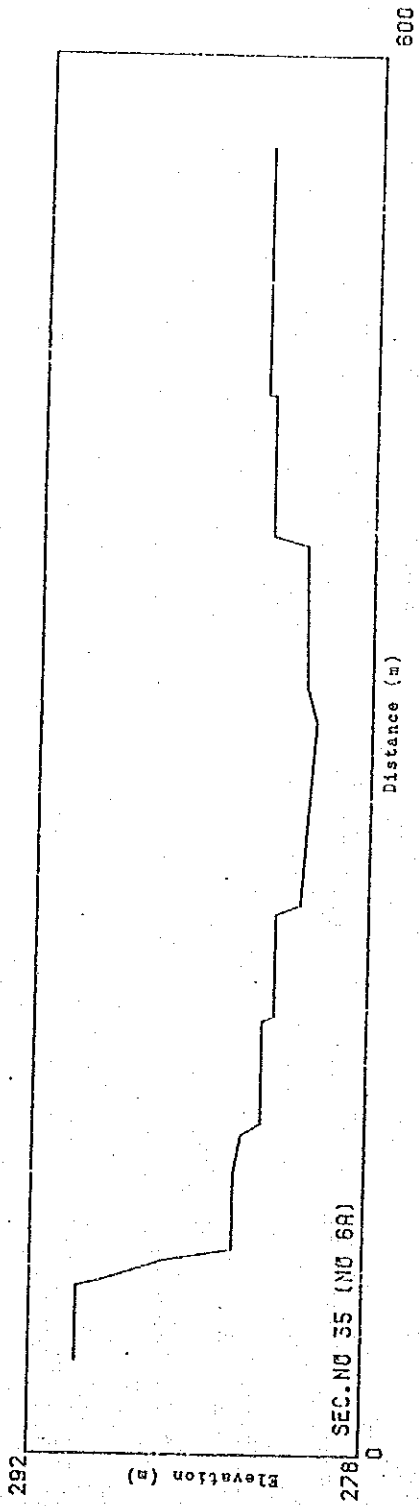


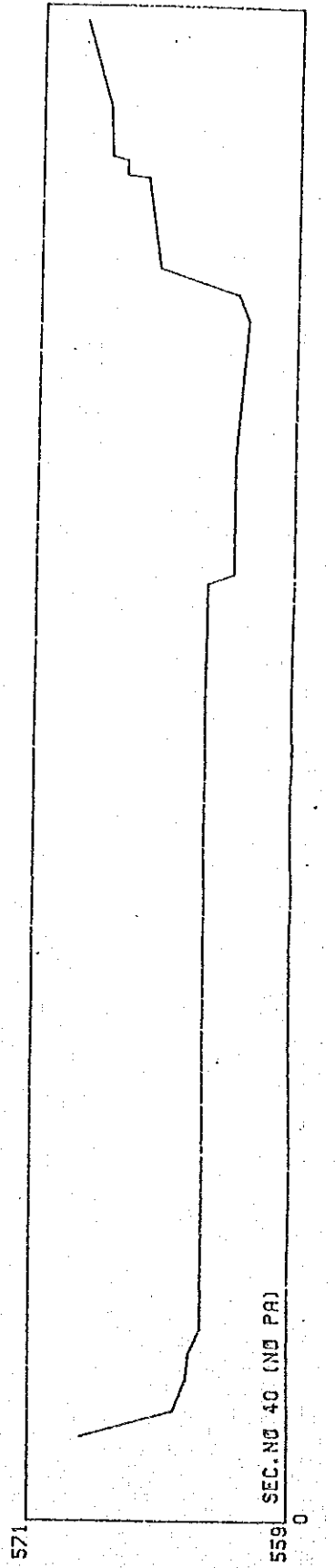
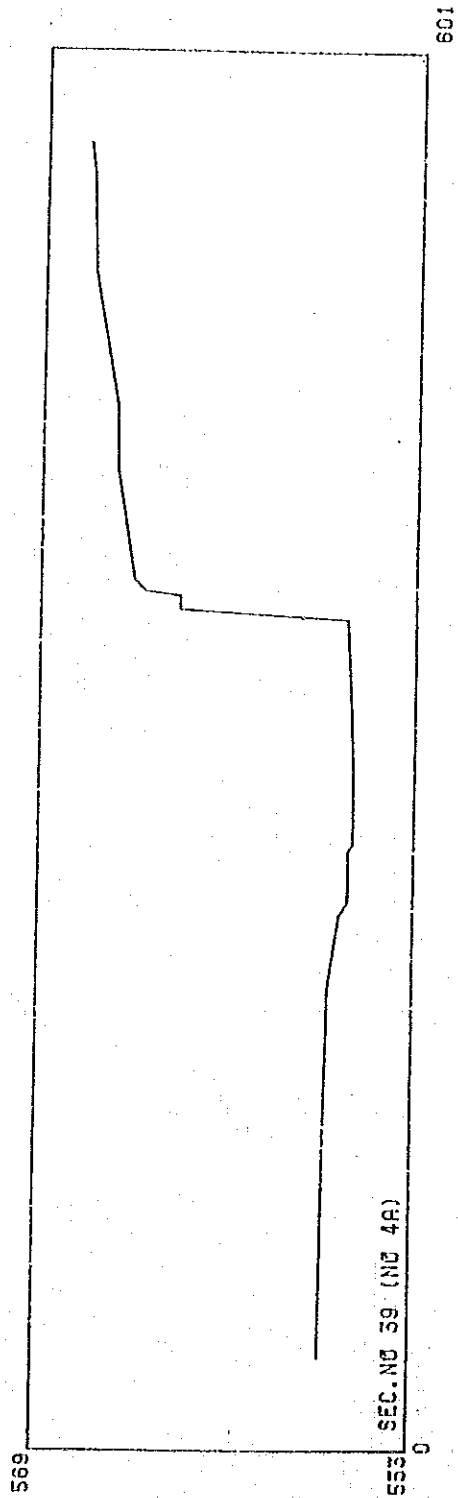
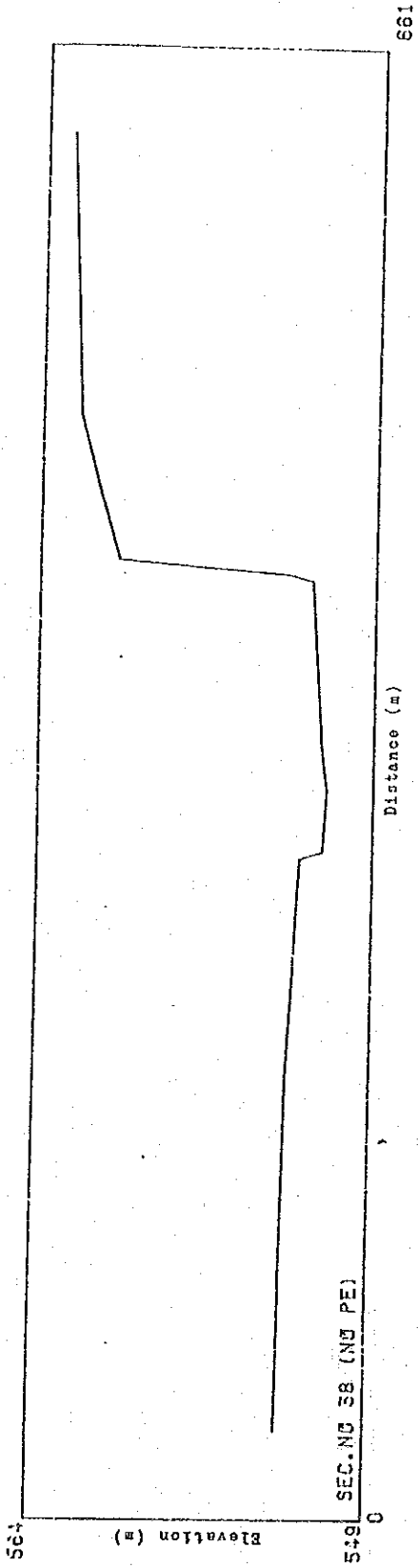


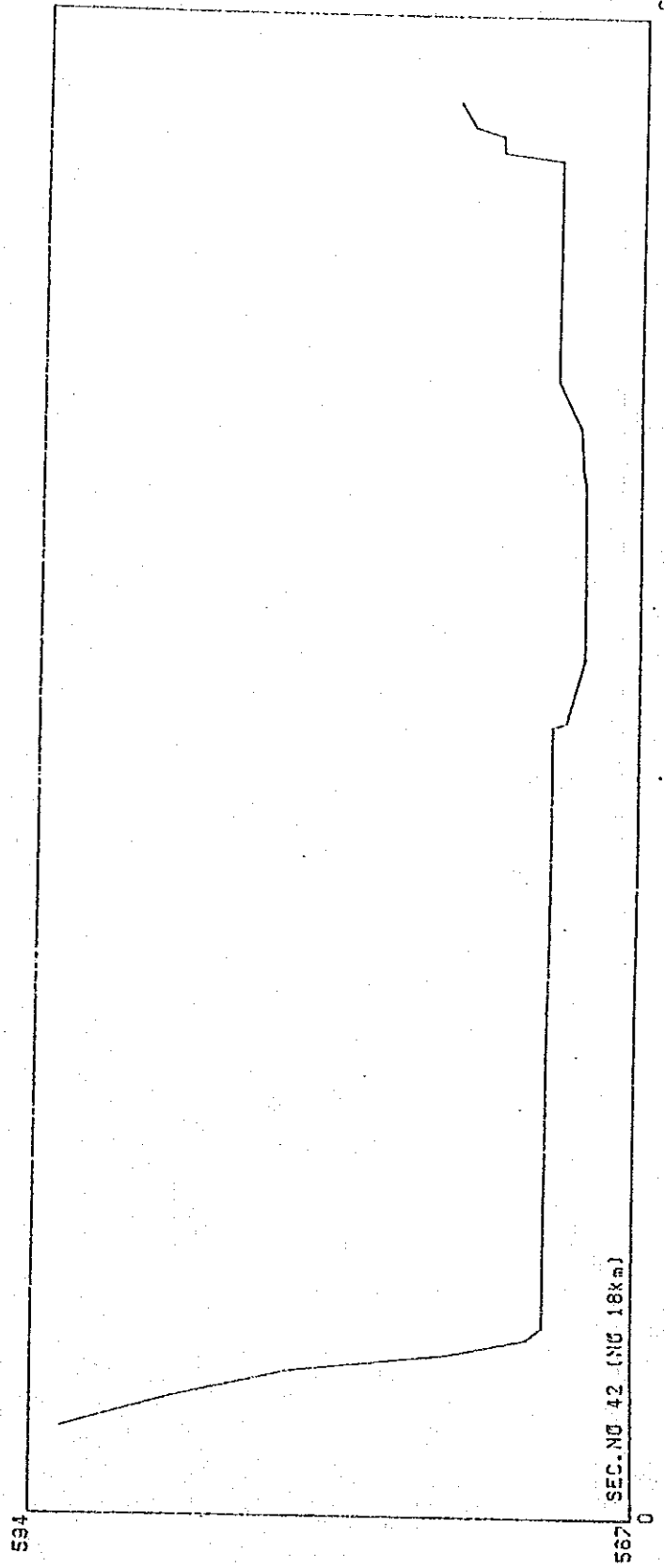
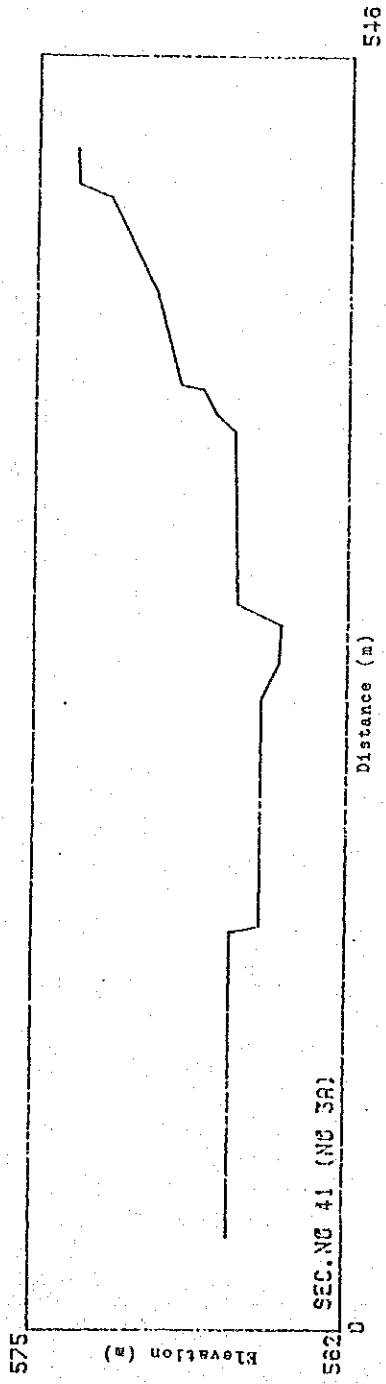
1-3-8

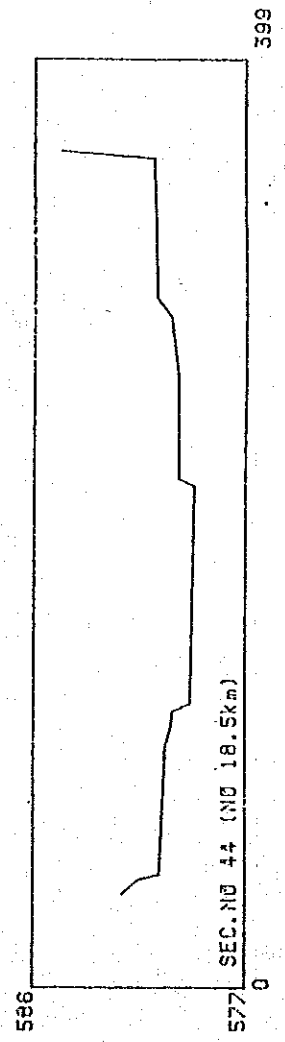
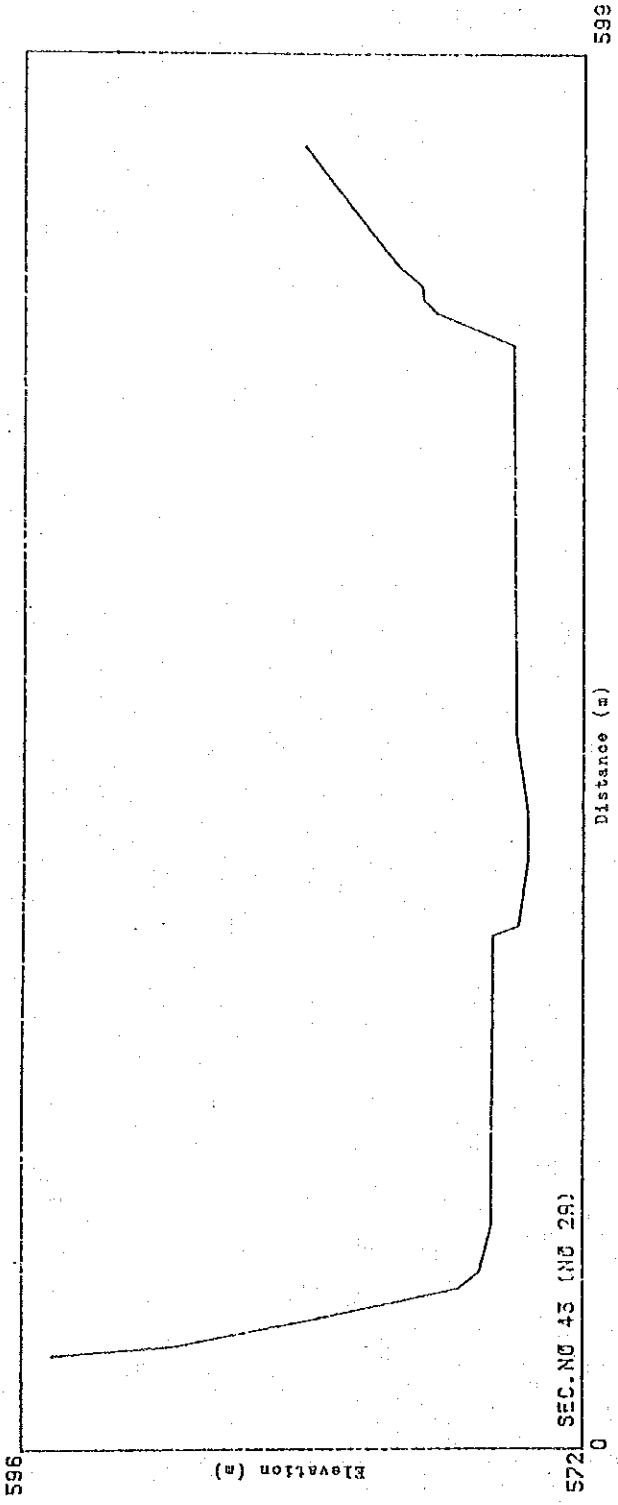




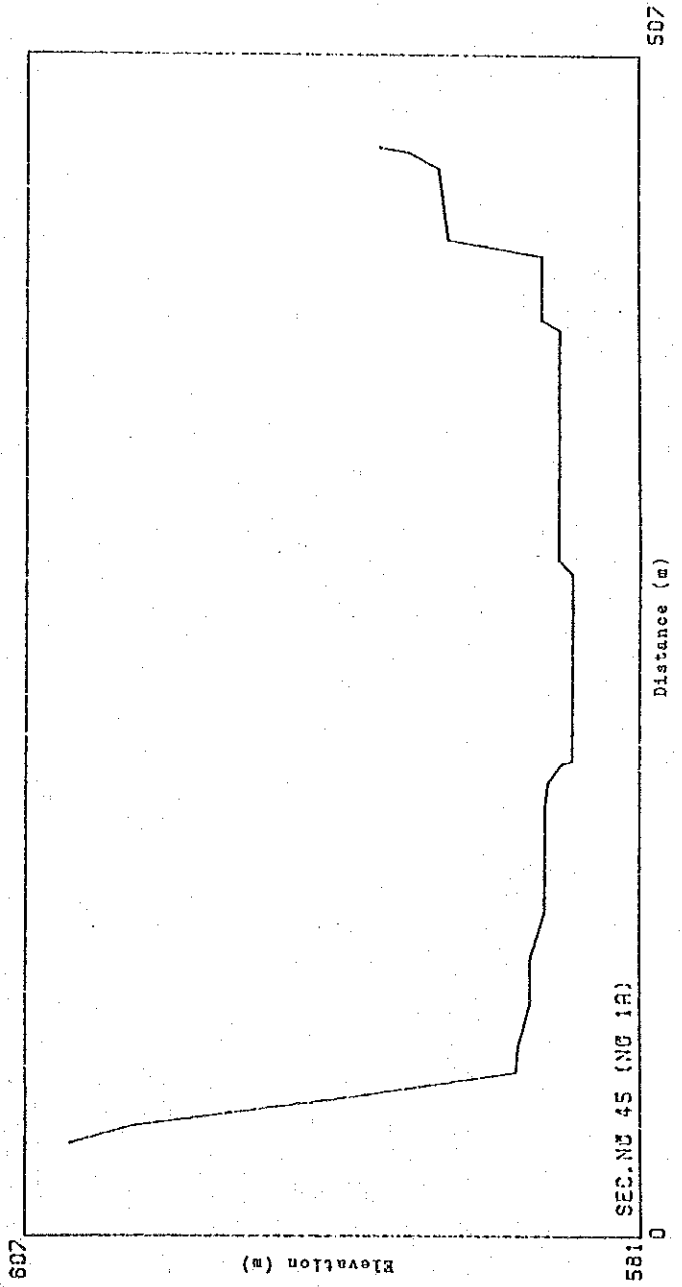


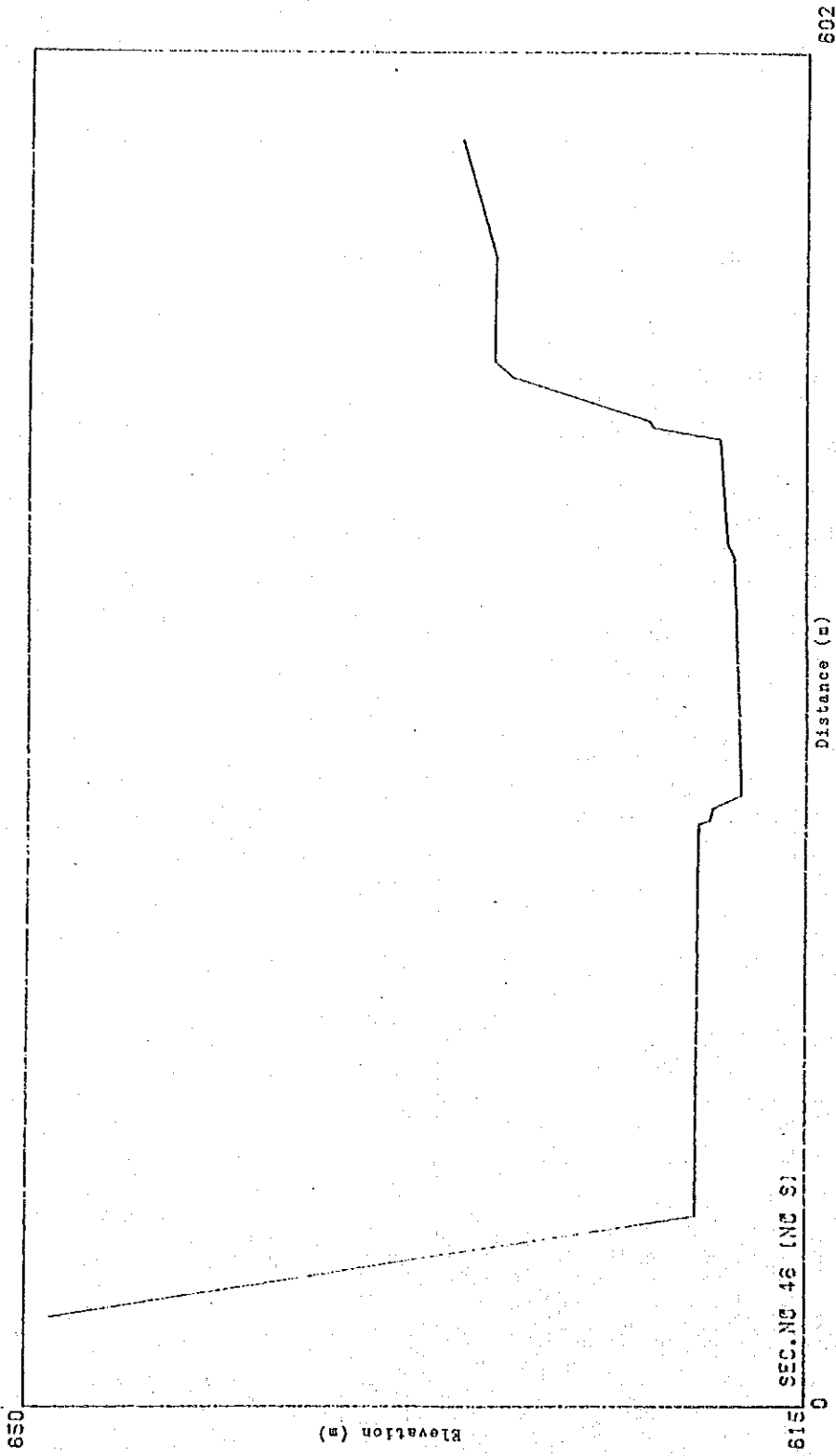




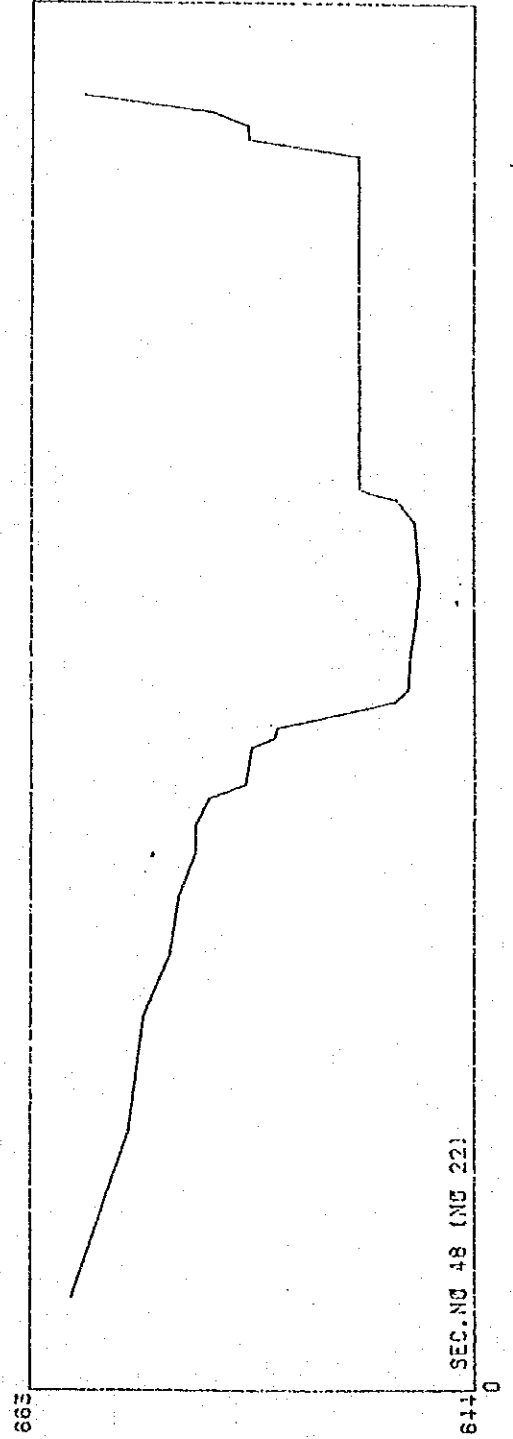
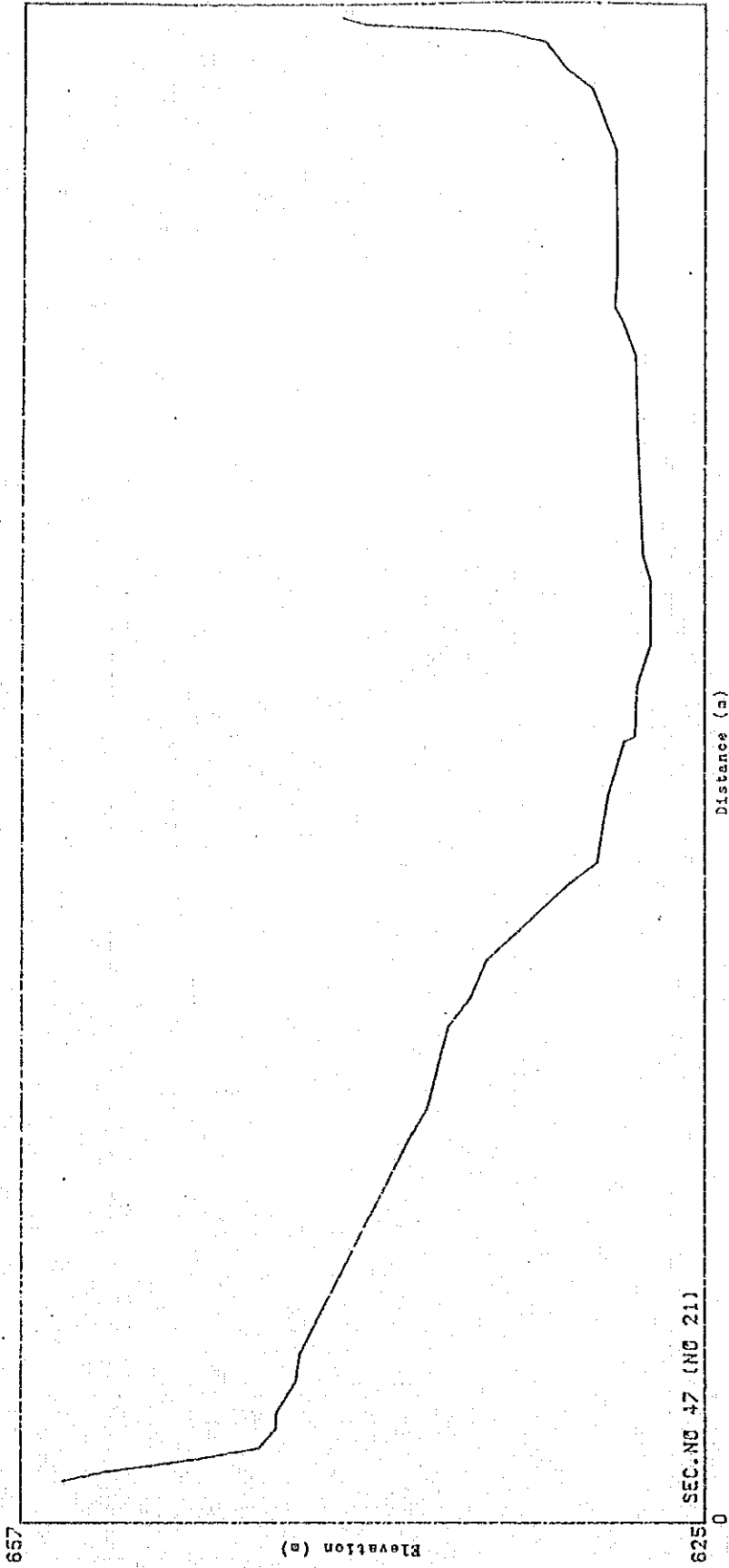


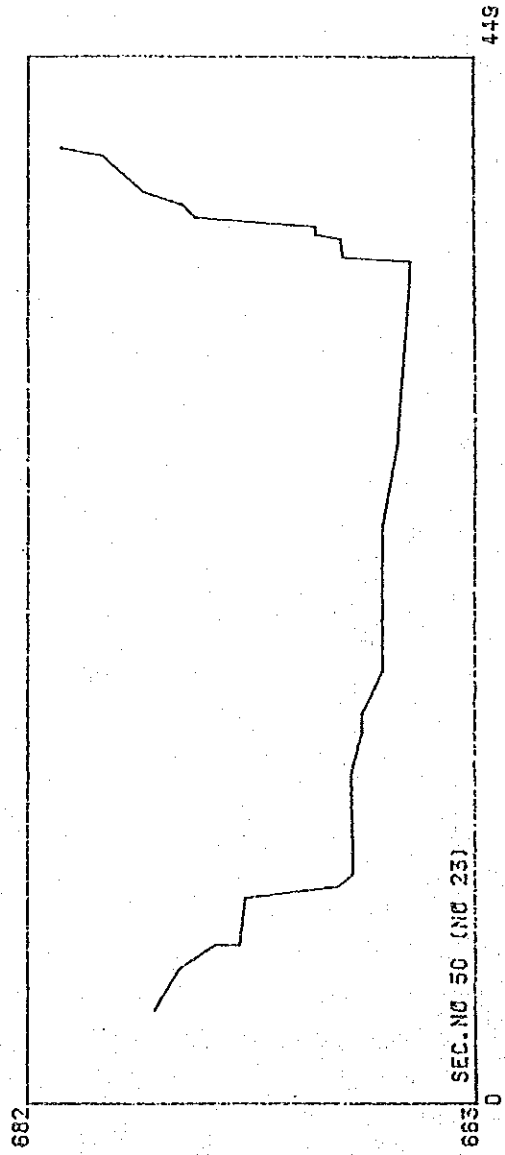
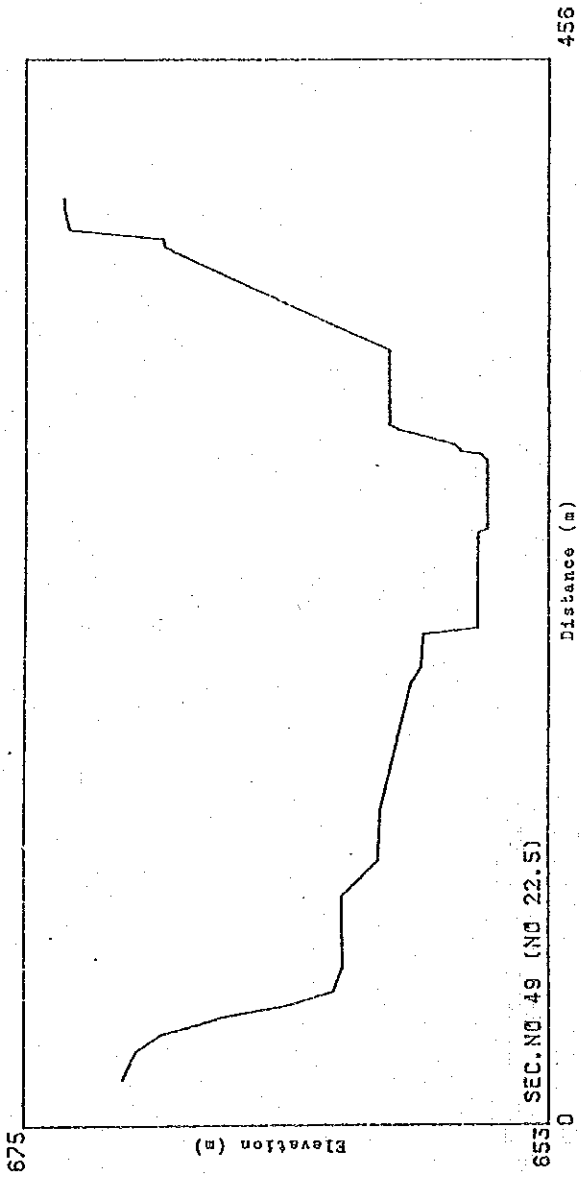




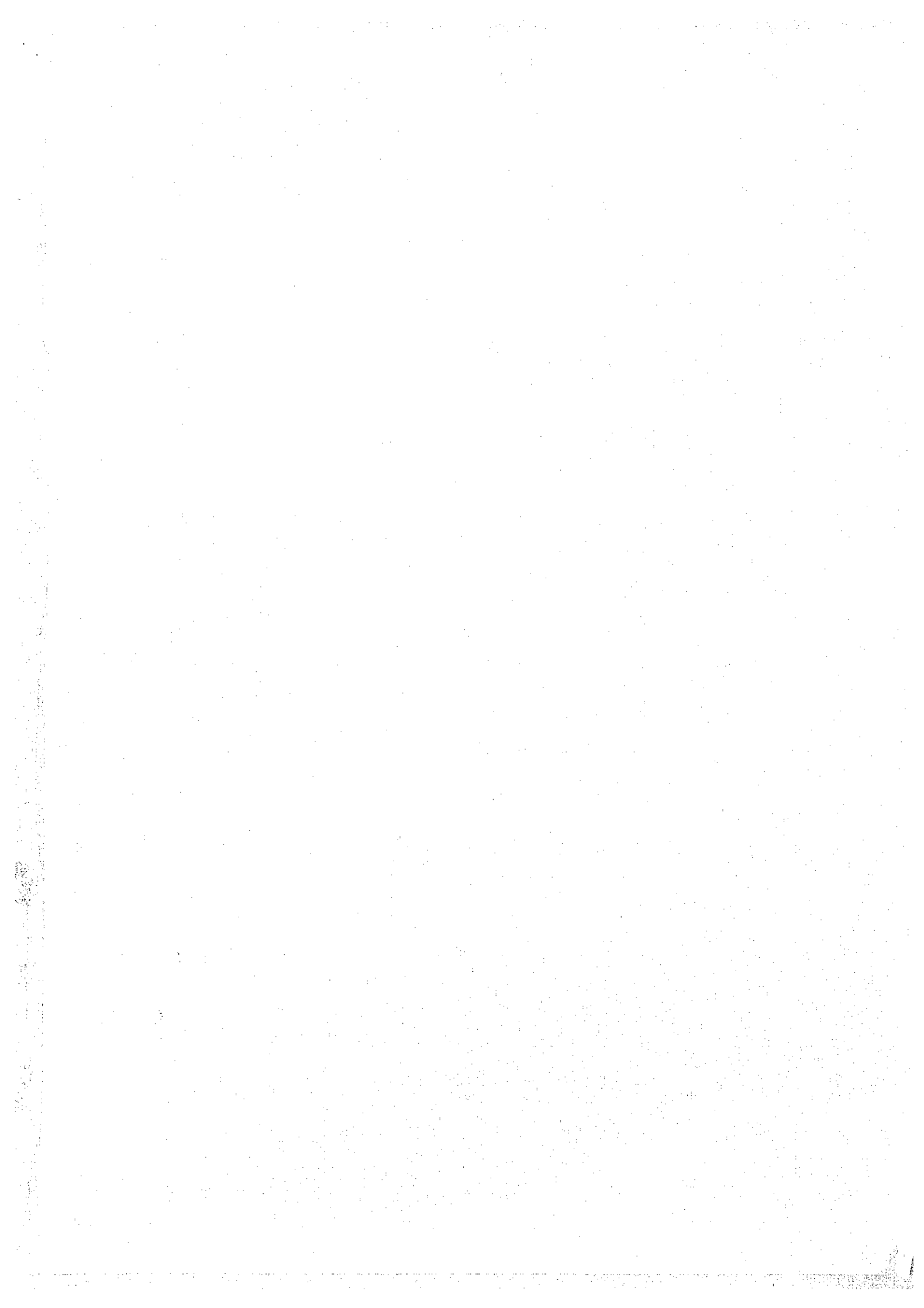


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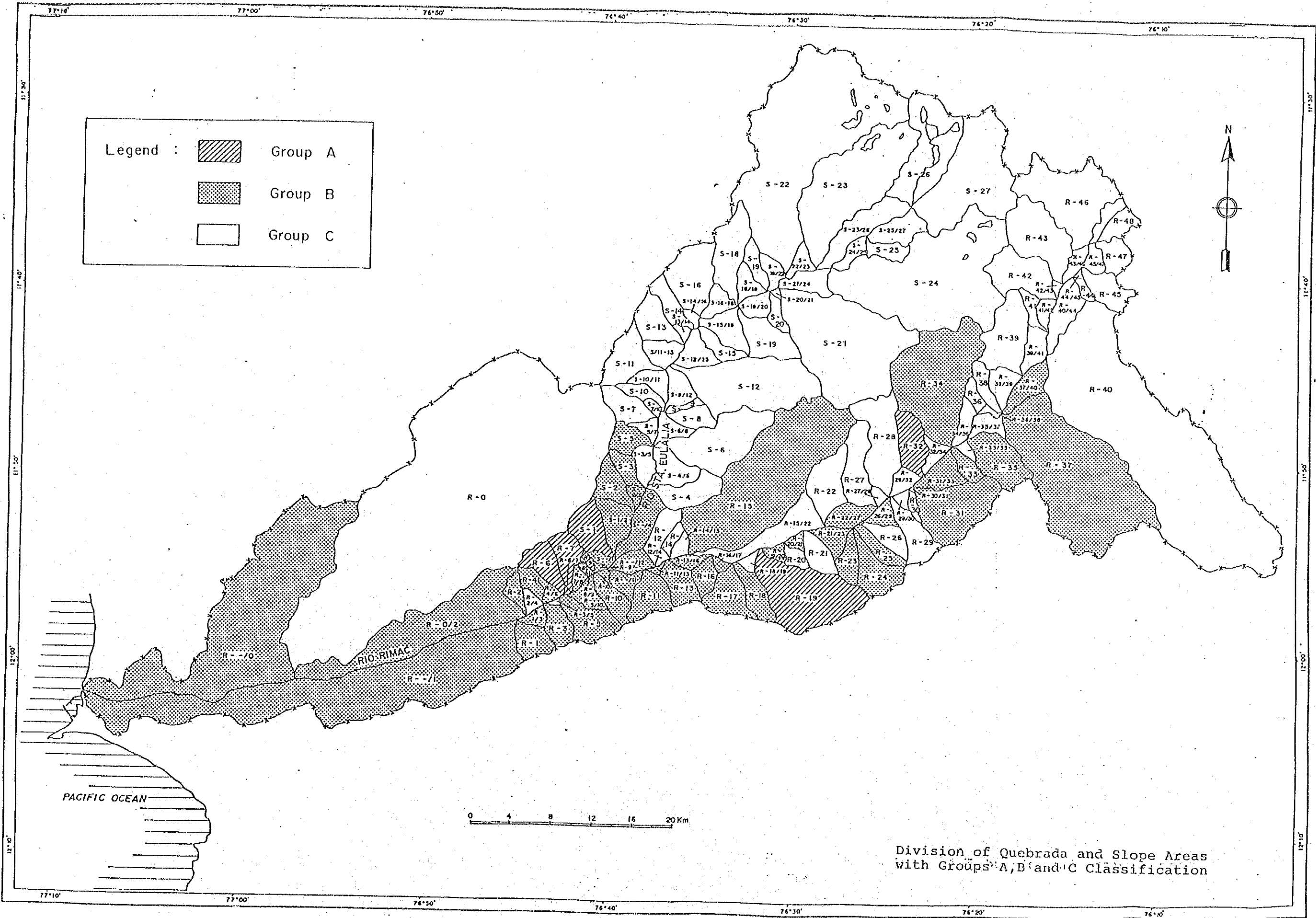
III Geological Map of Areas in  
Groups "A" and "B"






List of Geological Map of Areas in Group "A" or "B"  
(1/25,000 in scale)

1.	R-1 and R-3	R-1/3
2.	R-2, R-4 and R-6	R-4/6 and R-6/7
3.	R-5 and R-10	R-5/10, R-10/- and R-~/11
4.	R-7	
5.	R-8 and R-4	R-7/8, R-8/9, R-9/- and S-~/1
6.	R-11 and R-13	R-11/13
7.	R-15*	
8.	R-16	R-13/16
9.	R-17	R-16/17
10.	R-18	
11.	R-19*	
12.		R-19/20
13.		R-20/21 and R-21/23
14.		R-22/27
15.	R-23	
16.	R-24 and R-25	
17.		R-26/29
18.	R-31	
19.		R-31/33
20.	R-32	
21.	R-33 and R-35	
22.	R-34*	
23.	R-37*	
24.		R-37/40
25.	S-1 and S-2	S-1/2 and S-2/3
26.		S-~/4 and R-~/12
27.	S-s and S-5	

Note: (1) Areas of R-0/1, R-~/1 and R-0/2 are not attached.  
(2) \* Only a downstream area is shown.



Legend :

	Group A
	Group B
	Group C

Division of Quebrada and Slope Areas with Groups A, B and C Classification

0 4 8 12 16 20 Km

PACIFIC OCEAN



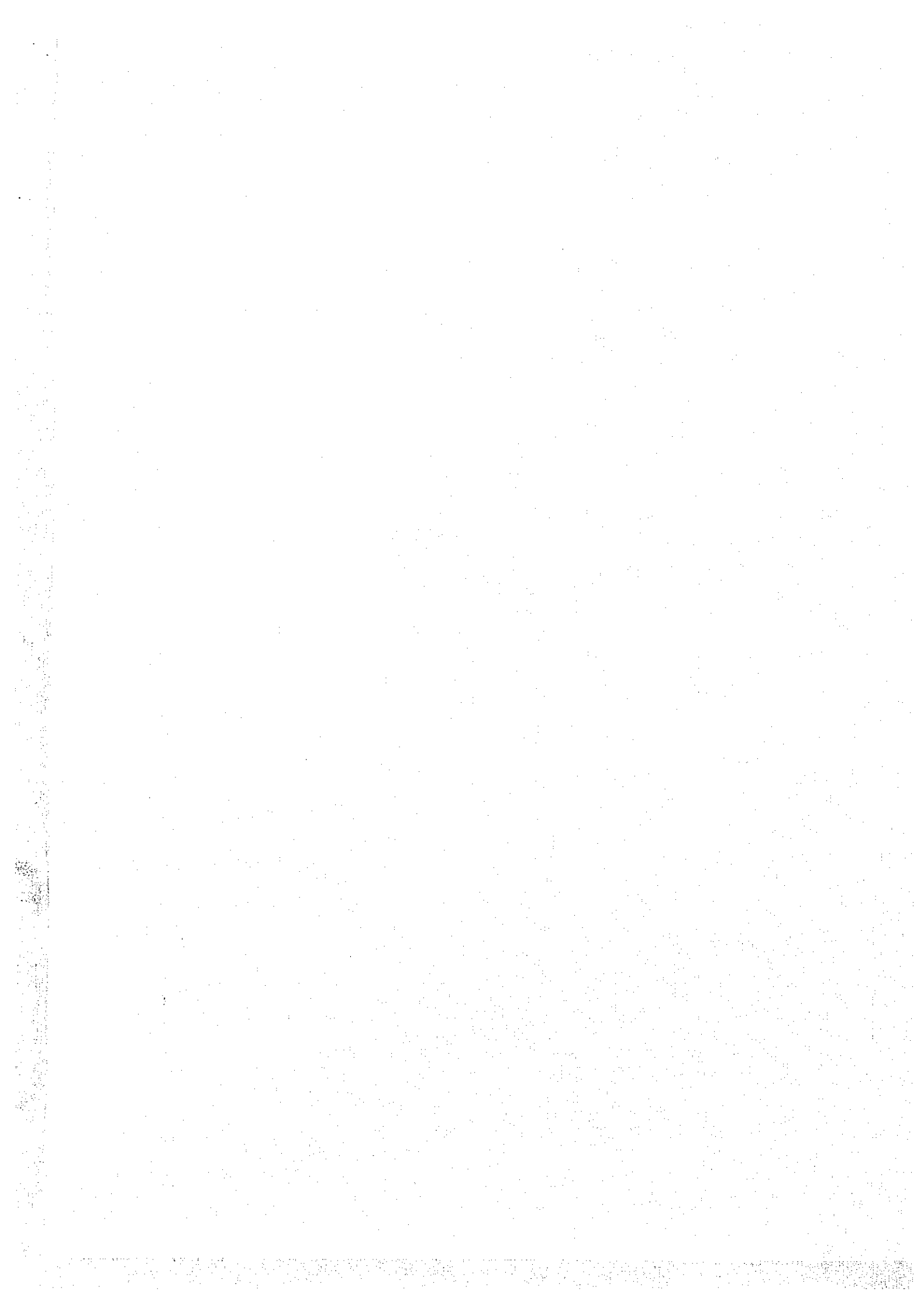


Table . . . PRINCIPAL FEATURE OF MAJOR TRIBUTARY AREAS (1/2)

*1 Qda.	*2 Name of tributaries	*3 Distance (km)	*4 River Length		*5 Area (km <sup>2</sup> )	*7 Elevation (m)		*8 Height Difference of River (m)	*10 Average Slope		*11 Average Slope
			A (m)	B (m)		Highest	Lowest		A	B	
(R-0)	Q. Jicamarca	20.8	49,000	50,000	489.3	4,230	260	3,970	12.3	4.6	
(R-1)	Q. Chacracayo (B)	44.9	3,900	5,100	9.8	1,875	690	1,185	3.3	16.9	
(R-2)	Q. Chacrasana (B)	46.1	3,900	4,200	4.7	1,800	705	1,090	3.6	15.6	
(R-3)	Q. Carifórnia (B)	47.9	4,000	5,000	8.4	1,700	750	950	4.2	13.4	
(R-4)	Q. Santa María (B)	47.9	4,000	5,000	4.6	1,650	755	895	4.5	12.6	
(R-5)	Q. La Cantura (B)	50.4	6,000	6,700	15.0	2,210	800	1,410	4.3	13.2	
(R-6)	Q. Quirio (CA)	50.5	5,200	5,600	10.4	2,010	805	1,215	4.3	13.2	
(R-7)	Q. Pedregal (San Antonio) (A)	51.5	5,800	6,100	10.6	2,330	820	1,480	3.9	14.3	
(R-8)	Q. Carosio (Moyopampa) (A)	53.4	1,100	1,300	0.4	1,675	840	835	1.3	37.2	
(R-9)	Q. Corrales (Rayos de Sol) (A)	54.0	1,600	2,400	1.4	2,000	850	1,150	1.4	35.7	
(R-10)	Q. La Ronda (B)	54.0	5,000	5,600	9.0	2,210	890	1,320	3.8	14.8	
(R-11)	Q. Santa Ana (B)	59.1	5,200	5,800	13.5	2,300	1,030	1,270	4.1	13.7	
(R-12)	Q. San Juan	60.3	6,000	6,300	8.8	2,950	1,150	1,800	3.3	16.7	
(R-13)	Q. Cupiche (B)	62.7	4,500	5,400	9.3	2,600	1,150	1,450	3.1	17.9	
(R-14)	Q. Lloquepampa	62.7	2,500	3,700	2.7	2,650	1,150	1,500	1.7	31.0	
(R-15)	Q. Canchacalla (B)	64.8	21,200	22,000	118.0	4,850	1,230	3,620	5.9	9.7	
(R-16)	Q. Guayabo (B)	67.4	3,900	4,600	6.8	2,650	1,280	1,370	2.8	19.4	
(R-17)	Q. Agua Salada (B)	69.2	5,000	7,000	15.3	3,200	1,320	1,880	2.7	20.6	
(R-18)	Q. Del Pate (B)	69.5	5,200	7,200	10.3	3,605	1,350	2,255	2.3	23.4	
(R-19)	Q. Río Seco (A)	72.9	12,200	13,000	49.3	4,630	1,520	3,110	3.9	14.3	
(R-20)	Q. Esperanza	75.1	2,800	3,700	4.4	3,750	1,550	2,200	1.3	38.2	
(R-21)	Q. Verrugas	77.8	4,800	5,800	9.4	4,470	1,650	2,820	1.7	30.4	
(R-22)	Q. Linday	80.0	5,800	8,200	19.4	4,800	1,780	3,020	1.9	27.5	
(R-23)	Q. Huacra (B)	83.0	4,400	5,600	7.5	4,470	1,950	2,520	1.7	29.8	
(R-24)	Q. Matata (B)	83.3	6,900	7,200	14.8	4,630	1,970	2,660	2.6	21.1	
(R-25)	Q. Cuchimachay (B)	83.9	5,000	5,800	6.6	4,580	2,010	2,570	1.9	27.2	
(R-26)	Q. Chacamaza	84.5	4,200	5,000	7.5	4,500	2,030	2,470	1.7	30.5	
(R-27)	Q. YamaJune	86.3	8,000	9,000	18.6	4,880	2,100	2,780	2.9	19.2	
(R-28)	Q. Palcacancha	87.9	9,800	11,900	29.3	4,900	2,200	2,700	3.6	15.4	
(R-29)	Q. Barranco	88.0	6,900	8,000	14.8	4,680	2,200	2,480	2.8	19.8	
(R-30)	Q. Lucumo	90.0	2,600	3,500	2.3	4,260	2,320	1,940	1.3	36.7	
(R-31)	Q. Chucumayo (B)	90.5	8,000	9,200	34.8	5,020	2,360	2,660	3.0	18.4	
(R-32)	Q. Páhuá (Llanahualla) (A)	92.0	6,100	6,100	14.9	4,760	2,400	2,360	2.6	21.2	
(R-33)	Q. Chacahuaro (B)	95.6	4,100	4,100	5.3	4,720	2,490	2,230	1.8	28.5	
(R-34)	Q. Pancha (B)	96.1	11,200	13,300	69.3	5,300	2,510	2,790	4.0	14.0	
(R-35)	Q. Viso (B)	98.1	7,400	8,100	20.9	5,315	2,750	2,565	2.9	19.1	
(R-36)	Q. Ocatara	101.0	2,600	3,200	3.7	4,750	2,850	1,900	1.4	36.2	
(R-37)	Q. Parac (B)	104.3	20,600	21,200	130.6	5,310	2,950	2,360	8.7	6.5	
(R-38)	Q. Challumay	104.7	3,300	5,900	6.1	5,000	2,950	2,050	1.6	31.8	
(R-39)	Q. Turumanya	108.8	8,500	9,000	26.2	5,250	3,200	2,050	4.1	13.6	
(R-40)	Río Blanco	111.8	33,500	35,000	235.7	5,650	3,450	2,200	15.2	3.8	
(R-41)	Q. Tranquilla	114.5	4,200	5,600	4.9	5,250	3,700	2,500	2.8	19.7	
(R-42)	Q. Santa Rosa	118.5	7,900	8,300	23.4	5,300	3,900	1,500	5.6	10.0	
(R-43)	Q. Tacpin	120.0	9,500	10,000	32.9	5,280	3,880	1,300	7.3	7.8	
(R-44)	Q. Velintuno	121.1	2,200	3,000	2.3	5,020	4,050	970	2.3	23.8	
(R-47)	Q. Carmen	122.1	5,100	6,600	11.9	5,300	4,150	1,150	4.4	12.7	
(R-46)	Q. Chinchán	124.5	8,100	9,000	42.0	5,200	4,280	920	8.8	6.5	
(R-47)	Q. Corina	125.6	2,600	4,000	8.3	5,200	4,380	820	3.2	17.5	
(R-48)	Q. Antaranra	125.6	3,400	4,600	12.6	5,000	4,380	620	5.5	10.3	

Remarks : \*3 : From river mouth  
 \*4 : To the end of river-like section  
 \*5 : To the border line of catchment area  
 \*10 : Degree (°)  
 \*11 : Degree (°)

Table PRINCIPAL FEATURE OF MAJOR TRIBUTARY AREAS (2/2)

*1 Qda. (S-1) to (S-27)	*2 Name of tributaries	*3 Distance (km)	*4 River Length		*6 Area (km <sup>2</sup> )	*7 Elevation (m)		*9 Height Difference of River (m)	*10 Average Slope		*11 Degree (o)
			A (m)	B (m)		Highest	Lowest		A	B	
(S-1)	Q. Cashahuacra (A)	57.1	5,200	6,600	15.1	2,600	980	1,620	3.2	17.3	
(S-2)	Q. Redonda (B)	62.1	6,000	7,100	12.1	3,220	1,190	2,030	3.0	18.7	
(S-3)	Q. Infiernillo (B)	65.0	3,200	5,100	6.7	3,220	1,320	1,900	1.7	30.7	
(S-4)	Q. Alcuza	65.1	7,900	9,000	16.4	3,820	1,320	2,500	3.2	17.6	
(S-5)	Q. Lucuma (B)	69.4	3,900	5,000	40.3	3,520	1,570	1,950	2.0	26.6	
(S-6)	Q. Santo Domingo	69.6	11,700	14,800	9.5	4,765	1,570	3,195	3.7	15.3	
(S-7)	Q. Huanchunya	72.4	4,000	6,900	12.9	4,230	1,680	2,550	1.6	32.5	
(S-8)	Q. San Antonio	73.3	4,000	5,900	8.0	4,000	1,790	2,210	1.8	28.9	
(S-9)	Q. Negro	73.5	2,900	3,300	5.9	3,920	1,800	2,120	1.4	36.2	
(S-10)	Q. Vado	73.6	4,800	6,200	2.1	4,030	1,800	2,230	2.2	24.9	
(S-11)	Q. Mito Mito	77.2	6,500	8,000	18.4	4,230	1,970	2,260	2.9	19.2	
(S-12)	Rio Carhuayuma	77.8	15,800	16,500	59.7	4,830	2,020	2,810	5.6	10.1	
(S-13)	Q. del Zorrillo	79.9	5,200	7,000	14.4	4,470	2,200	2,270	2.3	23.6	
(S-14)	Q. Marropuquio	81.4	6,000	6,600	9.1	4,470	2,300	2,170	2.8	19.9	
(S-15)	Q. Carhuachayo	82.1	5,100	5,900	6.8	4,820	2,330	2,490	2.0	26.0	
(S-16)	Q. Maquerhua	83.1	7,600	8,100	25.3	4,750	2,420	2,330	3.3	17.0	
(S-17)	Q. Challamayllo	87.0	7,300	8,900	17.9	4,750	2,660	2,090	3.5	16.0	
(S-18)	Q. Pozo	87.5	9,700	10,900	22.8	4,910	2,700	2,210	4.4	12.8	
(S-19)	Q. Huancacocha	90.5	4,800	6,000	6.5	4,750	2,950	1,800	2.7	20.6	
(S-20)	Q. Chilcacocha	90.8	3,300	4,400	5.1	4,710	2,970	1,740	1.9	27.8	
(S-21)	Q. Pillihua	91.8	18,600	19,900	99.3	5,035	3,030	2,005	9.3	6.2	
(S-22)	Q. Acobamba	93.1	19,000	239,000	178.5	5,360	3,120	2,240	8.5	6.7	
(S-23)	Q. Collque	96.3	19,000	19,600	78.5	5,100	3,330	1,770	10.7	5.3	
(S-24)	Rio Shuncha	97.5	18,800	21,900	137.8	5,300	3,460	1,840	10.2	5.6	
(S-25)	Q. Yanac	102.7	4,000	5,200	6.1	5,500	3,840	1,660	2.4	22.5	
(S-26)	Q. Huasca	108.1	11,200	12,900	41.7	5,120	4,100	1,020	11.0	5.2	
(S-27)	Rio Pallica	108.1	6,060	11,900	54.8	5,280	4,100	1,180	5.1	11.0	

Remarks : \*3 : From river mouth

\*4 : To the end of river-like section

\*5 : To the border line of catchment area

\*10 : \*4/\*9

\*11 : Degree (o)

Table PRINCIPAL FEATURE OF SLOPE AREAS (1/2)

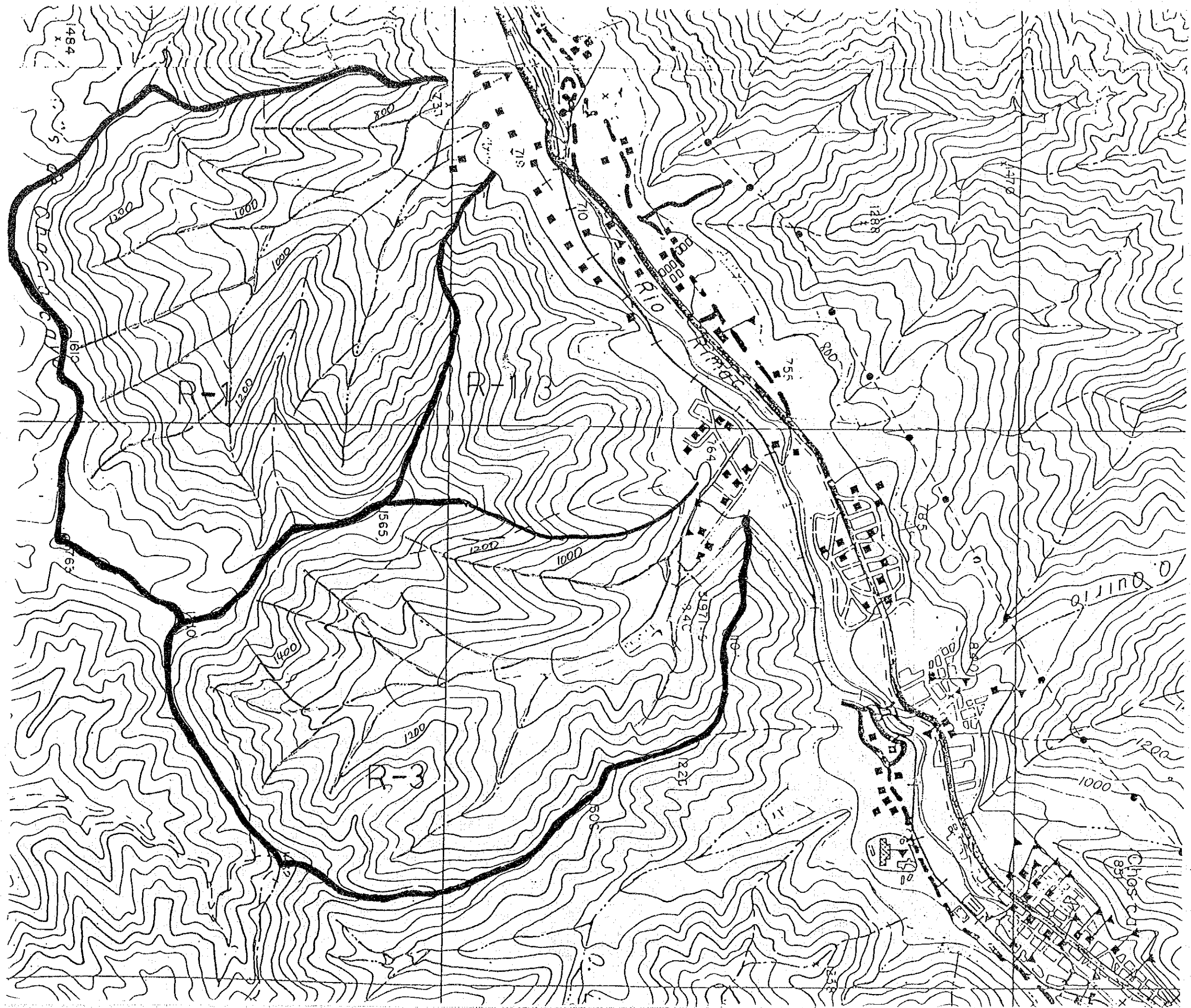
*1 No.	*2 Name of Slope	*3 Distance (km)	*4 Section Length (m)	*5 Slope Length (m)	*6 Area (km <sup>2</sup> )	*8 Slope Elevation (m)		*9 Height (m)	*10 Average Slope	
						Highest	Lowest		A	B
(R-0)	(river mouth)	Jicamarca (B)	10.4	20,800	-	149.5	2,200	-	-	-
(R-1)	(river mouth)	Chacarayo (B)	24.0	47,900	-	198.6	1,760	-	-	-
(R-2)	Jicamarca	Chacarayo (B)	33.5	25,300	-	63.0	1,850	-	-	-
(R-3)	Chacarayo	Carfornia (B)	46.7	2,900	2,600	4.1	1,550	830	720	3.6
(R-4)	Chacarayo	Santa Maria	47.0	1,800	2,500	2.1	1,450	730	720	3.5
(R-5)	Carfornia	La Cantuta	49.2	2,500	1,000	0.9	1,150	770	380	2.6
(R-6)	Santa Maria	Quirio (B)	49.2	2,500	2,600	3.0	1,600	770	830	3.1
(R-7)	La Cantuta	La Ronda (B)	52.2	3,600	3,900	7.1	1,950	850	1,100	3.5
(R-8)	Quirio	Pedregal (B)	52.7	1,100	700	0.2	1,000	810	190	15.8
(R-9)	Pedregal	Carosio (B)	53.5	3,500	2,250	4.6	1,950	870	1,080	3.7
(R-10)	Carosio	Corrales (B)	53.8	600	1,000	0.3	1,550	830	720	25.6
(R-11)	Corrales	(confluence)(B)	54.4	800	1,000	0.4	1,400	840	560	1.4
(R-12)	La Ronda	(confluence)(B)	54.8	1,500	1,300	0.9	1,450	910	540	35.8
(R-13)	(confluence)	Santa Ana (B)	57.3	3,600	2,650	7.3	2,070	1,000	1,070	1.8
(R-14)	(confluence)	San Juan (B)	57.9	4,800	2,000	5.2	2,165	1,000	1,000	2.4
(R-15)	Santa Ana	Cupiche (B)	60.9	3,600	1,500	2.6	1,820	1,080	740	22.6
(R-16)	San Juan	Lloquepampa	61.5	2,400	1,500	0.7	1,760	1,100	660	1.7
(R-17)	Cupiche	Guayabo (B)	65.1	4,700	1,950	5.7	2,110	1,210	900	30.2
(R-18)	Lloquepampa	R.Canchacalla	63.8	2,100	2,400	2.7	2,450	1,700	750	2.2
(R-19)	R.Canchacalla	Linday	72.4	15,200	3,800	24.3	3,650	1,570	2,080	2.4
(R-20)	Guayabo	Agua Salada (B)	68.3	1,800	1,250	1.8	2,070	1,360	710	1.8
(R-21)	Del Pate	R.Seco	71.2	3,400	2,250	3.7	2,150	1,390	760	29.6
(R-22)	R.Seco	Esperanza (B)	74.0	2,200	1,800	3.7	2,600	1,510	1,090	18.7
(R-23)	Esperanza	Verrugas (B)	76.5	2,700	1,950	2.6	2,800	1,600	1,200	1.7
(R-24)	Verrugas	Huare (B)	80.4	5,200	3,700	7.4	4,000	1,810	2,190	31.6
(R-25)	Linday	Yamajune (B)	83.2	6,300	2,500	8.3	3,620	2,000	1,620	30.6
(R-26)	Chacamaza	Barranco (B)	86.3	3,500	3,100	4.8	3,800	2,150	1,650	32.9
(R-27)	Linday	Paicacancha	87.1	1,600	1,750	1.3	3,100	2,250	850	1.9
(R-28)	Paicacancha	Llanahualla	90.0	4,100	2,750	5.2	3,800	2,320	1,480	2.1
(R-29)	Barranco	Lucumo	89.0	2,000	1,900	1.9	3,550	2,280	1,270	25.9
(R-30)	Chucumayo	Chacahuaro (B)	93.1	5,100	4,000	10.0	4,570	2,450	2,120	1.5
(R-31)	Llanahualla	Pacha	94.1	4,100	3,100	4.8	3,950	2,480	1,470	1.9
(R-32)	Chacahuaro	Viso	96.9	2,500	2,050	3.0	4,250	2,600	1,650	2.1
(R-33)	Pacha	Ocatara	98.6	4,900	2,200	5.5	4,270	2,820	1,450	38.8
(R-34)	Viso	Parac	101.2	6,200	2,200	5.8	4,400	2,950	1,450	33.4
(R-35)	Ocatara	Challumay	102.9	3,700	1,400	1.7	3,850	2,900	950	1.5
(R-36)	Parac	R.Blanco (B)	108.1	7,500	2,950	11.2	4,950	3,200	1,750	34.2
(R-37)	Challumay	Turumanya	106.8	4,100	3,000	7.9	4,800	3,150	1,650	1.7
(R-38)	Turumanya	Tranquilla	111.7	5,700	2,100	7.7	4,640	3,500	1,140	30.7
(R-39)	R.Blanco	Veintiuno	116.5	9,300	3,000	14.8	4,950	3,900	1,140	1.8
(R-40)	Tranquilla	Santa Rosa	116.5	4,000	1,550	3.6	4,800	3,810	990	2.9
(R-41)	Santa Rosa	Tacpin	119.3	1,500	950	0.9	4,800	3,810	990	1.6
(R-42)	Tacpin	Chinchán	122.3	4,500	1,550	3.6	5,050	3,950	630	32.6
(R-43)	Chinchán	Carmen	121.6	1,000	900	0.5	4,520	4,210	840	1.5
(R-44)	Carmen	Corina	123.9	3,500	2,550	3.7	5,170	4,100	520	28.5
(R-45)	Corina							4,230	940	1.7
(R-46)										30.2
(R-47)										20.2

Remarks : \*3 : From river mouth to the middle reach of the section  
 \*5 : Horizontal length  
 \*7, \*8 : Elevation at logenst slope  
 \*9 : \*7 - \*8  
 \*10 : \*5 / \*9  
 \*11 : Degree (o)

Table - PRINCIPAL FEATURE OF SLOPE AREAS (2/2)

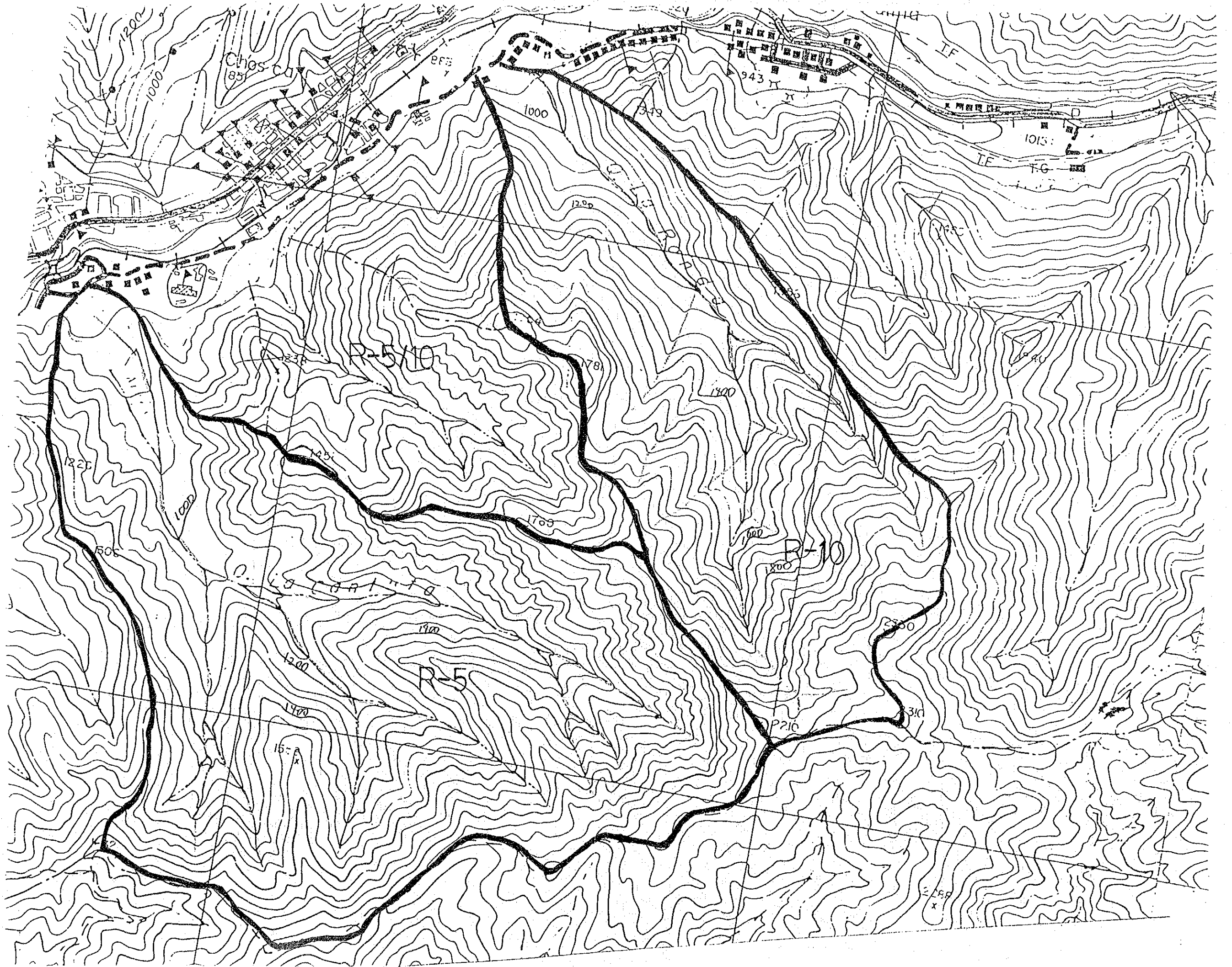
*1 No.	*2 Name of Slope	*3 Distance (km)	*4 Section Length (m)	*5 Slope Length (m)	*6 Area (km <sup>2</sup> )	*7 Slope Elevation (m)		*8 Lowest	*9 Height (m)	*10 Average Slope		*11 Average Slope
						Highest	Lowest			A	B	
Spe. (S-1/1)	(Confluence)	56.3	1,500	2,100	1.5	1,550	950	600	3.5	15.9		
(S-1/4)	(Confluence)	60.3	9,600	2,100	18.0	2,200	1,160	1,040	2.0	26.3		
(S-1/2)	Cashahuacra	59.6	5,000	4,150	10.4	2,400	1,090	1,310	3.2	17.5		
(S-2/3)	Redonda	63.6	2,900	2,050	2.4	1,970	1,250	720	2.8	19.4		
(S-3/5)	Infiernillo	67.2	4,600	2,600	5.4	2,760	1,450	1,310	2.0	26.7		
(S-4/6)	Alculla	67.4	4,300	4,300	11.1	3,450	1,450	2,000	2.2	24.9		
(S-5/7)	Santo Domingo	76.9	3,900	3,050	3.0	3,200	1,630	1,570	1.9	27.2		
(S-6/8)	San Antonio	71.5	2,800	3,750	5.4	3,400	1,640	1,760	2.1	25.1		
(S-7/10)	Huanchunya	73.0	1,100	2,100	1.4	3,200	1,740	1,460	1.4	34.8		
(S-9/12)	Negro	75.7	3,700	2,800	7.2	3,600	2,040	1,560	1.8	29.1		
(S-10/11)	Vado	75.4	4,200	4,200	6.4	3,770	2,080	1,690	2.5	21.9		
(S-11/13)	Mito Mito	78.6	2,700	3,850	7.6	3,970	2,200	1,770	2.2	24.7		
(S-12/15)	R. Carhuayuma	80.0	4,300	3,750	8.4	4,250	2,200	2,050	1.8	28.7		
(S-13/14)	del Zorrillo	80.7	1,500	1,850	1.3	3,300	2,270	1,030	1.8	29.1		
(S-14/16)	Marcopuquio	82.3	1,700	1,850	1.1	3,450	2,350	1,100	1.7	30.7		
(S-15/17)	Carhuachayo	84.6	4,900	4,900	11.2	4,820	2,570	2,250	2.2	24.7		
(S-16/18)	Maquerhua	85.3	4,400	2,800	5.7	4,250	2,600	1,650	1.7	30.5		
(S-17/20)	Challamayllo	88.9	3,800	2,600	5.6	4,240	2,800	1,440	1.8	29.0		
(S-18/19)	Pozo	89.0	3,000	3,450	6.2	4,380	2,800	1,580	2.2	24.6		
(S-19/22)	Huancacocha	91.8	2,600	3,400	5.0	4,400	3,080	1,320	2.6	21.2		
(S-20/21)	Acobamba	91.3	1,000	900	0.4	3,700	3,000	700	1.3	37.9		
(S-21/24)	Pillihua	94.7	5,700	2,800	7.9	4,730	3,400	1,330	2.1	25.4		
(S-22/23)	Acobamba	94.7	3,200	2,800	4.7	4,480	3,350	1,130	2.5	22.0		
(S-23/26)	Collque	102.2	11,800	2,850	20.7	5,230	3,970	1,260	2.3	23.9		
(S-24/25)	R. Shuncha	100.1	5,200	1,650	4.4	4,650	3,780	870	1.9	27.8		
(S-25/27)	Yanac	105.4	5,400	2,500	10.7	5,060	3,980	1,080	2.3	23.4		

Remarks : \*3 : From river mouth to the middle reach of the section  
 \*5, \*6 : Horizontal length  
 \*7, \*8 : Elevation at logenst slope  
 \*9 : \*7 - \*8  
 \*10 : \*5 / \*9  
 \*11 : Degree (°)



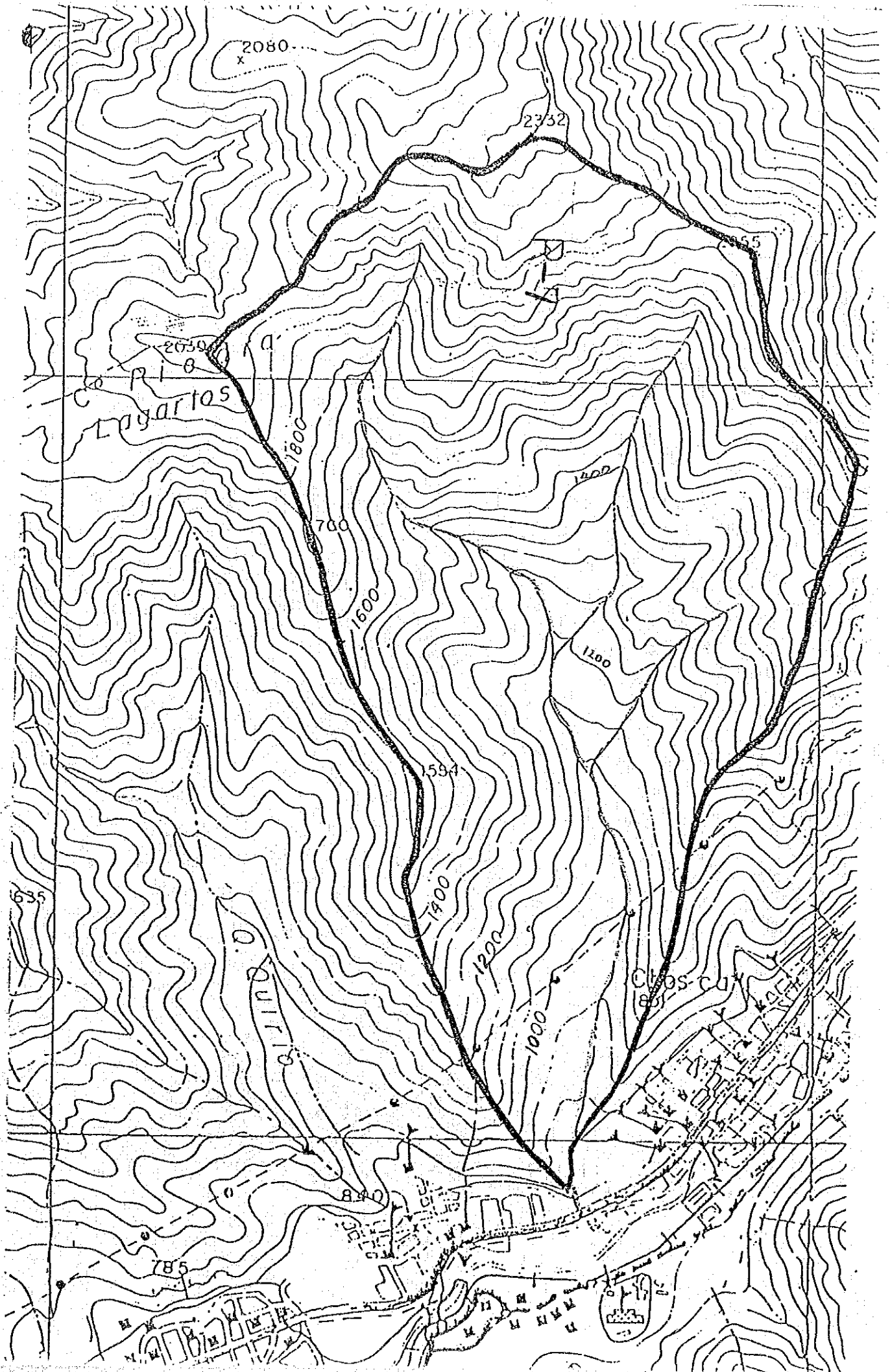


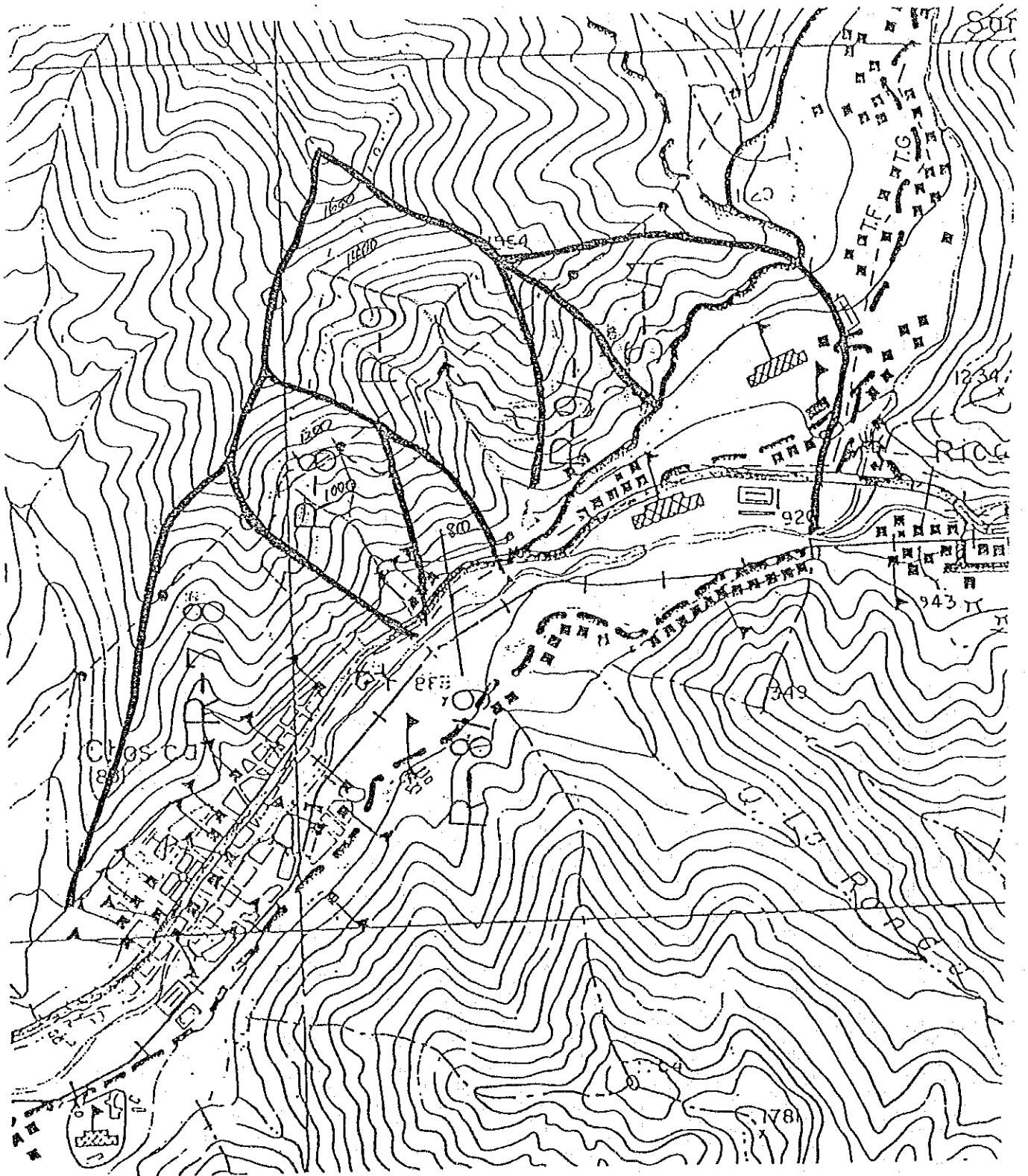


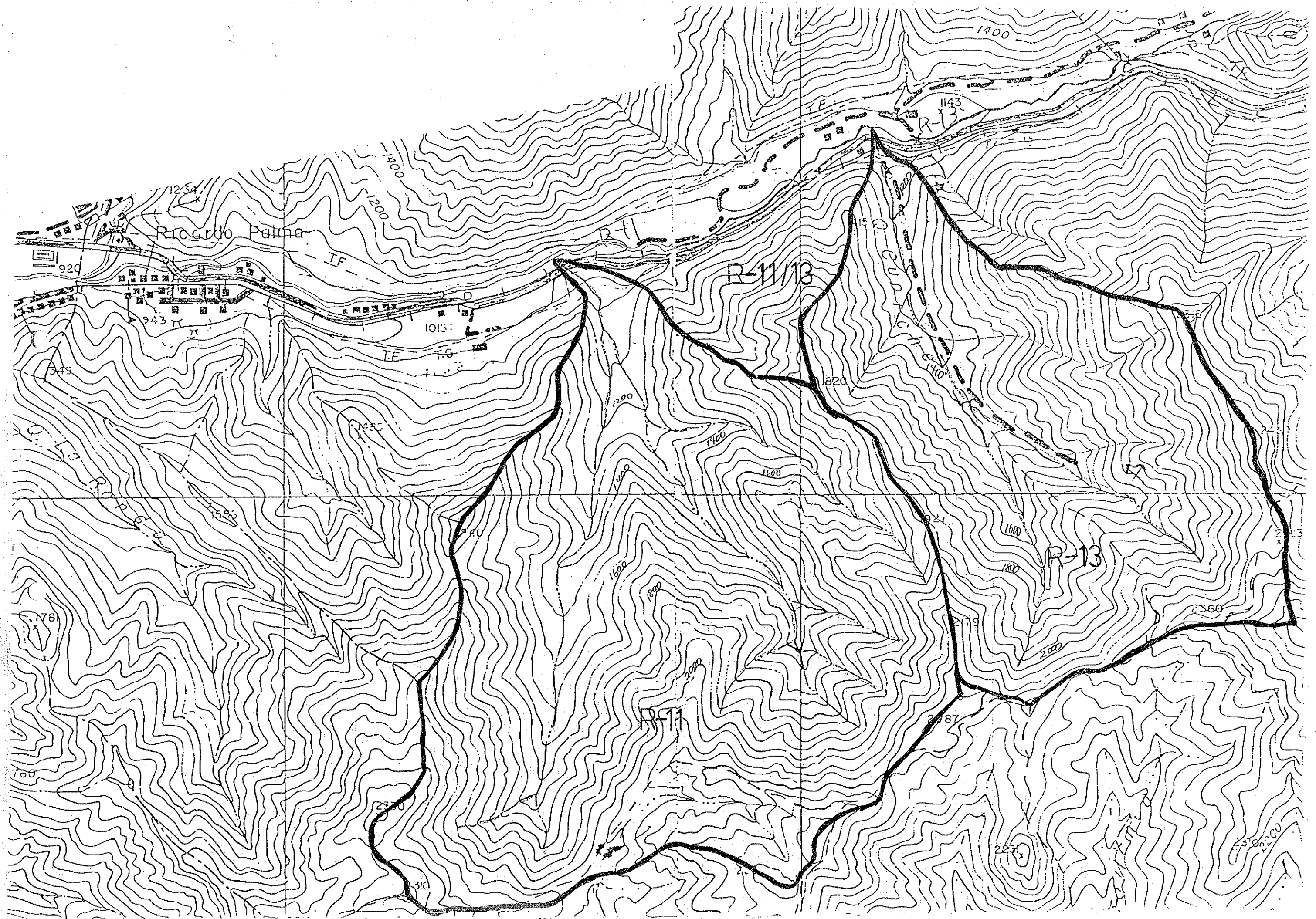












Ricardo Palma

R-11/13

R-13

R-17

1143

820

1600

1800

2000

2087

2271

2360

1400

1400

1200

1254

920

943

849

1200

1400

1600

1600

1800

2000

700

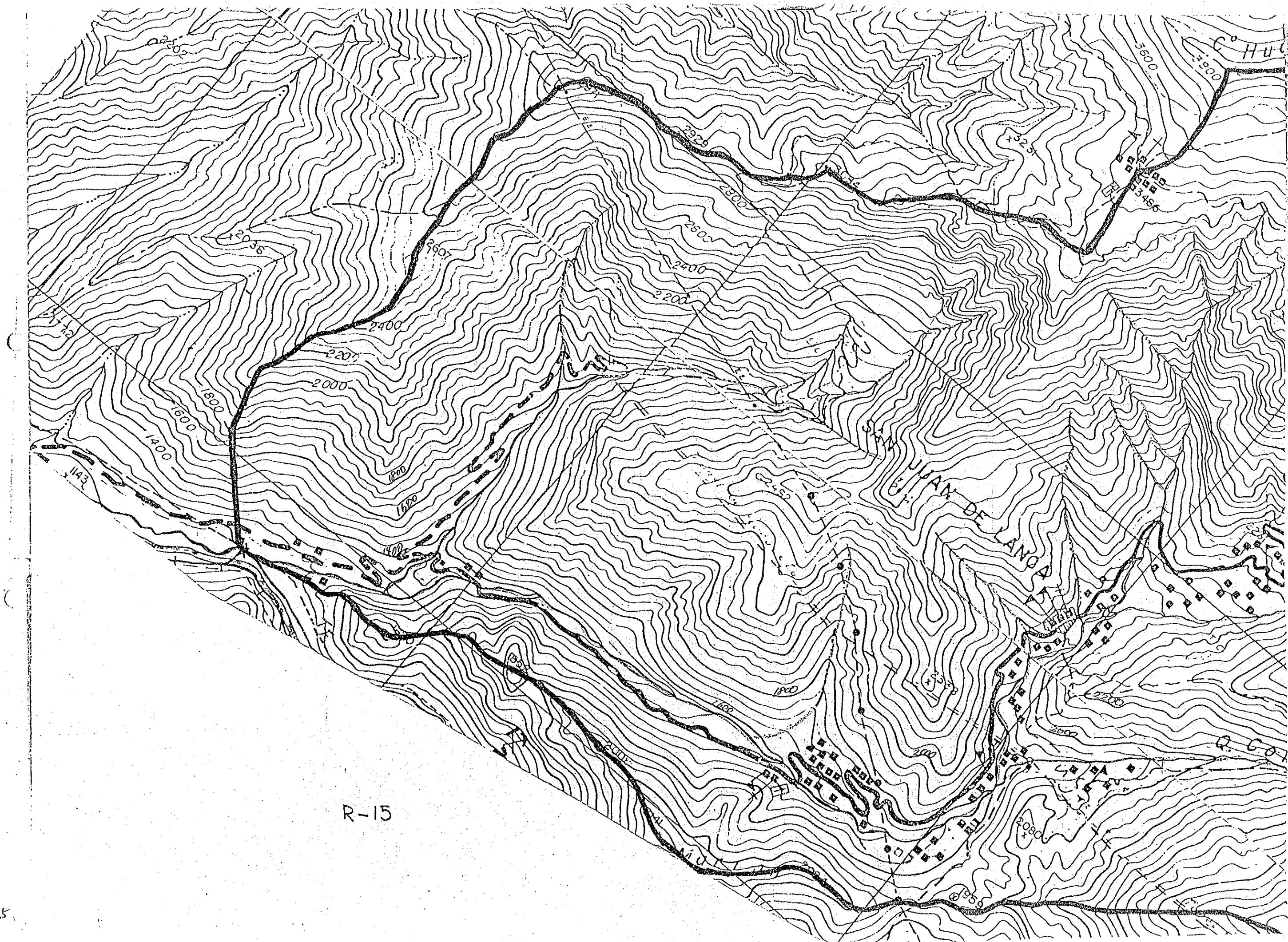
850

310

78

78

116



R-15

